



Where are **YOU** Going?



2010-2012

Workforce Training and Education Coordinating Board

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A guide to careers and education in Washington



Your Path to Career Planning

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Welcome to the 2010-2012 Where Are You Going? guide

Choosing a career is one of life's big decisions.

Will your career excite you and fulfill you? Will it offer you opportunities to grow? Will it pay the bills?

This guide is a starting point on your personal journey of career exploration. Do the suggested exercises.

Circle your favorite jobs and schools. Make notes. Then go to CareerBridge.wa.gov and get detailed information on over 5,000 education and training programs and apprenticeships. Together, this guide and the CareerBridge.wa.gov website provide you the tools to develop a career plan and make it happen.

Here are steps the Where are you Going? career guide will lead you through:

- Step 1** Explore yourself. Reflect on what you have done in your life, what you do well, what you like and what you don't.
- Step 2** Discover your interests. A simple exercise will help you look at your interests in a way that translates into occupational choices.
- Step 3** Sort careers by topic to see how you can design a career path that allows for increasing responsibilities and higher income.
- Step 4** This step and CareerBridge.wa.gov organizes education and training by occupation, allowing you to search for a career and then connect you to schools and programs.
- Step 5** Are you in middle school or high school? Review these suggestions to better position yourself when you graduate.
- Step 6** Look over these options for after high school graduation, including apprenticeships, military service, college and more.
- Step 7** This step shows how you might get college credit for previous learning.
- Step 8** This step and CareerBridge.wa.gov walks you through options for paying for your education.
- Step 9** This step covers resume preparation and job interview tips to help you land the job.

You've made a good decision to invest in a career plan before you invest in the next phase of your education!

Exploring your Interests

How do you pick a career that's right for you? How do you avoid a job you won't like? How do you prepare for one you will? There are no easy answers to these questions, and it's natural to feel overwhelmed. It helps to reflect on what you like to do, and what you're good at.

Know Yourself

Satisfaction and success depend on how well your skills and interests match the career you choose. When you're doing something that suits you, you're likely to excel. When there's a mismatch, it can lead to frustration and missed opportunities.

Get started by asking questions about yourself, using the six broad areas below as your guide. Take your time as you consider your answers. You may even want to take notes. Your responses will be helpful during the second part of this exercise and later exercises.

1. Interests—Do you like working with people...or numbers...or objects? Do you like to be in charge or would you rather report to someone else? Are you scientific or technical? Do you like detail work? Do you enjoy expressing yourself through art or music?

2. Aptitudes—Do you have good writing and speaking skills? How about spatial perception and an understanding of how things fit together, or the ability to work with your hands? Are you good with numbers? What are your special talents?

3. Temperament—Do you like to work under stress or handle frequent deadlines? Do you like to do a variety of things or specialize in one area?

4. Education—Do you like math or English? How about science or history, or classes in automotives, technology or health care? Are you interested in academics or are you more of a hands-on learner? How many years of education will you invest in to reach your career goals?

5. Working Conditions—Can you handle a noisy workplace or an intensely quiet one? Do you prefer to sit or stand? Do you like working indoors or outdoors? Could you work in a job where there is a risk of injury? Can you work in a health care setting, where people are sick or hurt?

6. Pay and Work Hours—How much money would you like to earn? Are you willing to travel? Are you willing to work the night shift, weekends or overtime? Are you comfortable in a competitive, commission-only job? Or do you prefer a steady paycheck?

Warmed up? Write it down.

Now turn the page and take a quick inventory of who you are and what you like to do. Remember, you can always go beyond the numbered spaces on the next page, and add more things. Also, you may find that not all the questions apply to you. Only answer questions that relate to your situation—whether you're in school, are looking to change jobs or are currently unemployed and looking for work.

BASICS ABOUT YOU

A. List three things (or more) you like to do.

1. _____
2. _____
3. _____

B. List careers that fit your hobbies.

1. _____
2. _____
3. _____

C. Changing jobs? Why?

1. _____
2. _____

D. Got a job? What do you wish was different?

1. _____
2. _____

E. Name three jobs you see yourself doing.

1. _____
2. _____
3. _____

F. Are you limited in any way by your current status or condition, such as a disability or lack of transportation? (See page 64 for more information on disabilities.) What are some ways (below) to overcome these hurdles?

1. _____
2. _____

EDUCATION—What jobs are you prepared for?

Whether you're in school or out of school, your education has a direct connection to the types of jobs you're qualified to do. Think about your educational experience and the jobs this education has prepared you for. Don't be limited by the number of lines. Enter as many jobs that come to mind.

A. ☒ High school diploma or GED

B. Community or technical college

1. _____
2. _____

C. University or four-year college

1. _____
2. _____

D. Other training or special courses of interest

1. _____
2. _____

WORK EXPERIENCE

Fill out a worksheet like the one below for each job you have held. Be sure to include part-time and volunteer work. This will help when creating a resume, and researching the next job you hope to land.

Employer's name: _____

Employer's address: _____

Supervisor: _____

Dates worked from _____ to _____

Reason you left this job _____

Equipment, machines or software you've used _____

Title of job _____

Tasks you performed

1. _____
2. _____
3. _____

Now, go back and prioritize each task. Which one did you like best? Which one challenged you the most? How satisfying was the job? Would you like another one like this?

Now what?

The next exercises will direct you to specific career areas. Save these notes. They will help you answer the questions to come and serve as a good starting point for writing a resume, college admission essays and letters of interest to employers.

Discover your Interest Rating

What do you like to do? What are you good at? You'll be happier if your career involves doing something that suits you. This quick exercise can help. Below, check the box by each of the statements that are true about you. Then use your results to pick an occupation under the "Interest Rating" column in our Career Search pages 17-49.

<input type="checkbox"/> I consider myself to be athletic. <input type="checkbox"/> I am a nature lover. <input type="checkbox"/> I am curious about the physical world (nature, space, living things). <input type="checkbox"/> I am independent. <input type="checkbox"/> I like to fix things. <input type="checkbox"/> I like to use my hands (plant a garden, help with fixing up the house). <input type="checkbox"/> I enjoy exercising. <input type="checkbox"/> I like to save money. <input type="checkbox"/> I like to work until the job gets done. <input type="checkbox"/> I like working on my own.	Total the checked statements and write that number below: R _____
<input type="checkbox"/> I am very cautious and careful. <input type="checkbox"/> I am curious about everything. <input type="checkbox"/> I can do complex calculations. <input type="checkbox"/> I like to solve math problems. <input type="checkbox"/> I like to use computers. <input type="checkbox"/> I like to read books all the time. <input type="checkbox"/> I like collecting things (rocks, comic books, movie posters). <input type="checkbox"/> I like crossword puzzles. <input type="checkbox"/> I like science class or science subjects. <input type="checkbox"/> I like to be challenged.	Total the checked statements and write that number below: I _____
<input type="checkbox"/> I am very creative. <input type="checkbox"/> I like to draw and paint. <input type="checkbox"/> I can play a musical instrument. <input type="checkbox"/> I like arranging outfits or wearing interesting clothing. <input type="checkbox"/> I like to read fiction, plays and poetry. <input type="checkbox"/> I like arts and crafts. <input type="checkbox"/> I attend lots of movies. <input type="checkbox"/> I like to take pictures of everything (birds, people, landmarks). <input type="checkbox"/> I enjoy learning a foreign language. <input type="checkbox"/> I like to sing, act and dance.	Total the checked statements and write that number below: A _____
<input type="checkbox"/> I am very friendly. <input type="checkbox"/> I like tutoring or teaching others. <input type="checkbox"/> I like talking in front of people. <input type="checkbox"/> I work well with classmates and friends. <input type="checkbox"/> I enjoy leading discussions. <input type="checkbox"/> I like helping people with problems. <input type="checkbox"/> I play team sports. <input type="checkbox"/> I like going to parties. <input type="checkbox"/> I like making new friends. <input type="checkbox"/> I like working with social groups in my community.	Total the checked statements and write that number below: S _____

<input type="checkbox"/> I like learning about money. <input type="checkbox"/> I enjoy selling products (school candy drives, community fundraisers). <input type="checkbox"/> I consider myself to be popular in school. <input type="checkbox"/> I like to lead groups and discussions. <input type="checkbox"/> I am often elected to officer positions in groups or clubs. <input type="checkbox"/> I like having power and leadership. <input type="checkbox"/> I want to own a small business. <input type="checkbox"/> I like to save money. <input type="checkbox"/> I like to work until the job gets done. <input type="checkbox"/> I like taking risks and engaging in new adventures.	Total the checked statements and write that number below: E _____
<input type="checkbox"/> I am very organized and neat. <input type="checkbox"/> I like making sure that my room is neat and clean very often. <input type="checkbox"/> I enjoy collecting newspaper articles about famous events. <input type="checkbox"/> I like keeping lists. <input type="checkbox"/> I like using the computer. <input type="checkbox"/> I am very practical and consider all costs when buying something. <input type="checkbox"/> I would rather type a school assignment than turn it in long-hand. <input type="checkbox"/> I like being the secretary in my clubs or groups. <input type="checkbox"/> I double-check all math assignments. <input type="checkbox"/> I like writing letters.	Total the checked statements and write that number below: C _____

Below, write your totals in for each section. The three highest totals will be your Interest Rating. Use your Interest Rating as you do Step 4 (page 16) and explore some of the occupations that may fit your interests. Look for your Interest Rating in the second column.

R _____ **I** _____ **A** _____ **S** _____ **E** _____ **C** _____

Your Interest Rating: _____

- | | |
|---------------------------|--------------------------|
| R is Realistic | S is Social |
| I is Investigative | A is Artistic |
| E is Enterprising | C is Conventional |

Now, look for your interest profile in the “Interest Rating” column in our Career Search pages 17-49. Remember, the Interest Rating is just one way to assess your interests and talents. So consider this a starting point in your career exploration journey.

Interest Rating Results

<p>R is Realistic</p> <p><i>People who are high on Realistic are often described as frank, genuine, honest, materialistic, natural and practical.</i></p>	<p>Realistic – Building, repairing, working outdoors.</p> <p>Includes occupations for people who like realistic work environments and prefer activities that are practical and concrete. Their interests are likely to involve physical exertion, knowledge of mechanical principles or manual dexterity.</p> <p>They enjoy working outdoors, working with tools and machines and using physical skills in general. People who score high on this theme prefer dealing with things rather than with ideas or people. They often seek careers relating to nature and the outdoors, mechanics, athletics, skilled trades, construction or military service.</p>
<p>I is Investigative</p> <p><i>People who are high on Investigative are often described as analytical, critical, curious, independent, methodical, and rational.</i></p>	<p>Investigative – Researching, analyzing, inquiring.</p> <p>Includes occupations for people who like investigative environments and prefer scientific and intellectual activities. They enjoy reading technical articles and solving challenging problems.</p> <p>They also like to uncover new facts or theories and analyze and interpret data. People who score high on this theme, like to think through problems and enjoy challenges. They seek careers relating to science, math, academic research, medical facilities, health or computers.</p>
<p>A is Artistic</p> <p><i>People who are high on Artistic are often described as complicated, disorderly, expressive, non-conforming and original.</i></p>	<p>Artistic – Creating or enjoying art, drama, music, writing.</p> <p>Includes occupations for people who like artistic environments, value aesthetic qualities and like opportunities for self-expression.</p> <p>They prefer unstructured, flexible environments and seek work relating to art, music, drama, writing, cooking, library science and museum work.</p>
<p>S is Social</p> <p><i>People who are high on Social are often described as cooperative, generous, patient, responsible and understanding.</i></p>	<p>Social – Helping, instructing, care giving.</p> <p>Includes occupations for people who like social environments and prefer activities that involve working with people to inform, train, cure or develop them in some way.</p> <p>They enjoy working in groups, sharing responsibilities and communicating with others. They often seek careers relating to education, healthcare, psychology, social work and counseling.</p>
<p>E is Enterprising</p> <p><i>People who are high on Enterprising are often described as adventurous, ambitious, domineering, optimistic and sociable.</i></p>	<p>Enterprising – Selling, managing, persuading.</p> <p>Includes occupations for people who like enterprising environments and enjoy influencing, leading or managing others for organizational goals or for economic success.</p> <p>They enjoy persuading others to their viewpoint and prefer social tasks where they can assume leadership. They often seek careers relating to business management, sales or politics, management or law</p>
<p>C is Conventional</p> <p><i>People who are high on Conventional are often described as conforming, conscientious, efficient, obedient and practical.</i></p>	<p>Conventional – Accounting, organizing, processing data.</p> <p>Includes occupations for people who like conventional environments and enjoy systematic activities requiring attention to accuracy and detail, often associated with office work.</p> <p>They enjoy working for large organizations and like an established chain of command. They often seek work relating to financial institutions, accounting firms, data management or clerical activities.</p>

Career Clusters Focus Your Search

One way to narrow your career search is through Career Clusters. With clusters, you're able to view related careers within a larger field. So, for example, you might be interested in business, investment planning and insurance services. All three career pathways fall within the Finance Career Cluster and rely on the same basic level of educational coursework.

Within each cluster, there are many career pathways available to you. Since occupations within a cluster are all related in some way, you have flexibility in moving between them as you move forward with your educational plan.

In this way, Career Clusters and their related career pathways help you narrow your career search--without necessarily narrowing your options. With each step in your education, you focus more on the specific skills needed for a particular job. Many pathways connect lower-level jobs to higher-level positions, allowing you to advance your career and get better paying jobs in the same career cluster as you continue your education.

Here are 16 Career Clusters for you to explore:

1. Agriculture, Food, and Natural Resources Career Cluster

Choose from seven pathways for careers in:

- Animal Systems.
- Agribusiness Systems.
- Environmental Service Systems.
- Food Products and Processing Systems.
- Natural Resources Systems.
- Plant Systems.
- Power, Structural, and Technical Systems.



Check out sample careers on Pages 17-18.

2. Architecture and Construction Career Cluster

Choose from three pathways for careers in:

- Construction.
- Design and Preconstruction.
- Maintenance and Operations.



Check out sample careers on Pages 19-20.

3. Arts, A/V Technology, and Communications Career Cluster

Choose from six pathways for careers in:

- Audio/Video Techniques.
- Journalism and Broadcasting.
- Performing Arts.
- Printing Techniques.
- Telecommunications Techniques.
- Visual Arts.



Check out sample careers on Pages 21-22.

4. Business Management and Administration Career Cluster

Choose from six pathways for careers in:

- Administrative and Information Support.
- Business Analysis.
- Business Financial Management and Accounting.
- Human Resources.
- Management.
- Marketing.



Check out sample careers on Pages 23-24.

5. Education and Training Career Cluster

Choose from three pathways for careers in:

- Administration and Administrative Support.
- Professional Support Services.
- Teaching / Training.



Check out sample careers on Pages 25-26.

6. Finance Career Cluster

Choose from four pathways for careers in:

- Banking and Related Services.
- Business Financial Management.
- Financial and Investment Planning.
- Insurance Services.



Check out sample careers on Pages 27-28.

7. Government and Public Administration Career Cluster

Choose from seven pathways for careers in:

- Foreign Service.
- Governance.
- National Security.
- Planning.
- Public Management and Administration.
- Regulation.
- Revenue and Taxation.



Check out sample careers on Pages 29-30.

8. Health Science Career Cluster

Choose from five pathways for careers in:

- Biotechnology Research and Development.
- Diagnostic Services.
- Health Informatics.
- Support Services.
- Therapeutic Services.



Check out sample careers on Pages 31-33.

9. Hospitality and Tourism Career Cluster

Choose from four pathways for careers in:

- Lodging.
- Recreation, Amusements, and Attractions.
- Restaurant and Food and Beverage Services.
- Travel and Tourism.

Check out sample careers on Pages 34-35.



10. Human Services Career Cluster

Choose from five pathways for careers in:

- Consumer Services.
- Counseling and Mental Health Services.
- Early Childhood Development and Services.
- Family and Community Services.
- Personal Care Services.

Check out sample careers on Pages 36-37.



11. Information Technology Career Cluster

Choose from four pathways for careers in:

- Information Support and Services.
- Interactive Media.
- Network Systems.
- Programming and Software Development.

Check out sample careers on Pages 38-39.



12. Law, Public Safety, and Security Career Cluster

Choose from five pathways for careers in:

- Correction Services.
- Emergency and Fire Management Services.
- Law Enforcement Services.
- Legal Services.
- Security and Protective Services.

Check out sample careers on Pages 40-41.



13. Manufacturing Career Cluster

Choose from six pathways for careers in:

- Production.
- Manufacturing Production Process Development.
- Maintenance, Installation, and Repair.
- Quality Assurance.
- Logistics and Inventory Control.
- Health, Safety, and Environmental Assurance.

Check out sample careers on Pages 42-43.



14. Marketing Career Cluster

Choose from seven pathways for careers in:

- Buying and Merchandising.
- Distribution and Logistics.
- e-Marketing.
- Management and Entrepreneurship.
- Marketing Communications and Promotion.
- Marketing Information Management and Research.
- Professional Sales and Marketing.



Check out sample careers on Pages 44-45.

15. Science, Technology, Engineering, and Mathematics Career Cluster

Choose from two pathways for careers in:

- Engineering and Technology.
- Science and Math.



Check out sample careers on Pages 46-47.

16. Transportation, Distribution and Logistics Career Cluster

Choose from seven pathways for careers in:

- Facility and Mobile Equipment Maintenance.
- Health, Safety, and Environmental Management.
- Logistics Planning and Management Services.
- Sales and Services.
- Transportation Operations.
- Transportations/Systems Infrastructure Planning, Management, and Regulation.
- Warehousing and Distribution Center Operations.



Check out sample careers on Pages 48-49.

Career Clusters Quiz

Step 3

Directions: Check the items in each box that best describe you. Check as many as you choose. Add up the number in each box and see which three boxes have the highest numbers. Then find the corresponding Career Clusters on pages 8-11 to see which groups of related careers to explore.

1. What I like to do: <ul style="list-style-type: none"> <input type="checkbox"/> Learn how things grow and stay alive. <input type="checkbox"/> Make the best use of the earth's natural resources. <input type="checkbox"/> Hunt and/or fish. <input type="checkbox"/> Protect the environment. <input type="checkbox"/> Be outdoors in all kinds of weather. <input type="checkbox"/> Plan, budget, and keep records. <input type="checkbox"/> Operate machines and keep them in good repair. 	My personal qualities <ul style="list-style-type: none"> <input type="checkbox"/> Self-reliant <input type="checkbox"/> Nature lover <input type="checkbox"/> Physically active <input type="checkbox"/> Planner <input type="checkbox"/> Creative problem solver 	School subjects I like: <ul style="list-style-type: none"> <input type="checkbox"/> Math <input type="checkbox"/> Life Sciences <input type="checkbox"/> Earth Sciences <input type="checkbox"/> Chemistry <input type="checkbox"/> Agriculture 	Total number checked in Box 1 <div style="border: 1px solid black; width: 60px; height: 60px; margin: 0 auto;"></div>
2. What I like to do: <ul style="list-style-type: none"> <input type="checkbox"/> Read and follow blueprints and/or instructions. <input type="checkbox"/> Picture in my mind what a finished product looks like. <input type="checkbox"/> Work with my hands. <input type="checkbox"/> Perform work that requires precise results. <input type="checkbox"/> Solve technical problems. <input type="checkbox"/> Visit and learn from beautiful, historic, or interesting buildings. <input type="checkbox"/> Follow logical, step-by-step procedures. 	My personal qualities <ul style="list-style-type: none"> <input type="checkbox"/> Curious <input type="checkbox"/> Good at following directions <input type="checkbox"/> Pay attention to detail <input type="checkbox"/> Good at visualizing possibilities <input type="checkbox"/> Patient and persistent 	School subjects I like: <ul style="list-style-type: none"> <input type="checkbox"/> Math <input type="checkbox"/> Drafting <input type="checkbox"/> Physical Sciences <input type="checkbox"/> Construction Trades <input type="checkbox"/> Electrical Trades/Heat, Air Conditioning and Refrigeration/Technology Education 	Total number checked in Box 2 <div style="border: 1px solid black; width: 60px; height: 60px; margin: 0 auto;"></div>
3. What I like to do: <ul style="list-style-type: none"> <input type="checkbox"/> Use my imagination to communicate new information to others. <input type="checkbox"/> Perform in front of others. <input type="checkbox"/> Read and write. <input type="checkbox"/> Play a musical instrument. <input type="checkbox"/> Perform creative, artistic activities. <input type="checkbox"/> Use video and recording technology. <input type="checkbox"/> Design brochures and posters. 	My personal qualities <ul style="list-style-type: none"> <input type="checkbox"/> Creative and imaginative <input type="checkbox"/> Good communicator, good vocabulary <input type="checkbox"/> Curious about new technology <input type="checkbox"/> Relate well to feelings and thoughts of others <input type="checkbox"/> Determined/tenacious 	School subjects I like: <ul style="list-style-type: none"> <input type="checkbox"/> Music <input type="checkbox"/> Speech and Drama <input type="checkbox"/> Journalism/Literature <input type="checkbox"/> Audiovisual <input type="checkbox"/> Technologies 	Total number checked in Box 3 <div style="border: 1px solid black; width: 60px; height: 60px; margin: 0 auto;"></div>
4. What I like to do: <ul style="list-style-type: none"> <input type="checkbox"/> Perform routine, organized activities but can be flexible. <input type="checkbox"/> Work with numbers and detailed information. <input type="checkbox"/> Be the leader in a group. <input type="checkbox"/> Make business contact with people. <input type="checkbox"/> Work with computer program. <input type="checkbox"/> Create reports and communicate ideas. <input type="checkbox"/> Plan my work and follow instructions without close supervision. 	My personal qualities <ul style="list-style-type: none"> <input type="checkbox"/> Organized <input type="checkbox"/> Practical and logical <input type="checkbox"/> Patient <input type="checkbox"/> Tactful <input type="checkbox"/> Responsible 	School subjects I like: <ul style="list-style-type: none"> <input type="checkbox"/> Computer <input type="checkbox"/> Applications/Business and Information <input type="checkbox"/> Technology <input type="checkbox"/> Accounting <input type="checkbox"/> Math <input type="checkbox"/> English <input type="checkbox"/> Economics 	Total number checked in Box 4 <div style="border: 1px solid black; width: 60px; height: 60px; margin: 0 auto;"></div>

5. What I like to do: <ul style="list-style-type: none"> <input type="checkbox"/> Communicate with different types of people. <input type="checkbox"/> Help others with their homework or to learn new things. Go to school. <input type="checkbox"/> Direct and plan activities for others. <input type="checkbox"/> Handle several responsibilities at once. <input type="checkbox"/> Acquire new information. <input type="checkbox"/> Help people overcome their challenges. 	My personal qualities <ul style="list-style-type: none"> <input type="checkbox"/> Friendly <input type="checkbox"/> Decision maker <input type="checkbox"/> Helpful <input type="checkbox"/> Innovative/Inquisitive <input type="checkbox"/> Good listener 	School subjects I like: <ul style="list-style-type: none"> <input type="checkbox"/> Language Arts <input type="checkbox"/> Social Studies <input type="checkbox"/> Math <input type="checkbox"/> Science <input type="checkbox"/> Psychology 	Total number checked in Box 5 <div style="border: 1px solid black; width: 60px; height: 60px; margin: 0 auto;"></div>
6. What I like to do: <ul style="list-style-type: none"> <input type="checkbox"/> Work with numbers. <input type="checkbox"/> Work to meet a deadline. <input type="checkbox"/> Make predictions based on existing facts. <input type="checkbox"/> Have a framework of rules by which to operate. <input type="checkbox"/> Analyze financial information and interpret it to others. <input type="checkbox"/> Handle money with accuracy and reliability. <input type="checkbox"/> Take pride in the way I dress and look. 	My personal qualities <ul style="list-style-type: none"> <input type="checkbox"/> Trustworthy <input type="checkbox"/> Orderly <input type="checkbox"/> Self-confident <input type="checkbox"/> Logical <input type="checkbox"/> Methodical or efficient 	School subjects I like: <ul style="list-style-type: none"> <input type="checkbox"/> Accounting <input type="checkbox"/> Math <input type="checkbox"/> Economics <input type="checkbox"/> Banking/Financial Services <input type="checkbox"/> Business Law 	Total number checked in Box 6 <div style="border: 1px solid black; width: 60px; height: 60px; margin: 0 auto;"></div>
7. What I like to do: <ul style="list-style-type: none"> <input type="checkbox"/> Be involved in politics. <input type="checkbox"/> Negotiate, defend, and debate ideas and topics. <input type="checkbox"/> Plan activities and work cooperatively with others. <input type="checkbox"/> Work with details. <input type="checkbox"/> Perform a variety of duties that may change often. <input type="checkbox"/> Analyze information and interpret it to others. <input type="checkbox"/> Travel and see things that are new to me. 	My personal qualities <ul style="list-style-type: none"> <input type="checkbox"/> Good communicator <input type="checkbox"/> Competitive <input type="checkbox"/> Service minded <input type="checkbox"/> Well organized <input type="checkbox"/> Problem solver 	School subjects I like: <ul style="list-style-type: none"> <input type="checkbox"/> Government <input type="checkbox"/> Language Arts <input type="checkbox"/> History <input type="checkbox"/> Math <input type="checkbox"/> Foreign Language 	Total number checked in Box 7 <div style="border: 1px solid black; width: 60px; height: 60px; margin: 0 auto;"></div>
8. What I like to do: <ul style="list-style-type: none"> <input type="checkbox"/> Work under pressure. <input type="checkbox"/> Help sick people and animals. <input type="checkbox"/> Make decisions based on logic and information. <input type="checkbox"/> Participate in health and science classes. <input type="checkbox"/> Respond quickly and calmly in emergencies. <input type="checkbox"/> Work as a member of a team. <input type="checkbox"/> Follow guidelines precisely and meet strict standards of accuracy. 	My personal qualities <ul style="list-style-type: none"> <input type="checkbox"/> Compassionate and caring <input type="checkbox"/> Good at following directions <input type="checkbox"/> Conscientious and careful <input type="checkbox"/> Patient <input type="checkbox"/> Good listener 	School subjects I like: <ul style="list-style-type: none"> <input type="checkbox"/> Biological Sciences <input type="checkbox"/> Chemistry <input type="checkbox"/> Math <input type="checkbox"/> Occupational Health <input type="checkbox"/> Language Arts 	Total number checked in Box 8 <div style="border: 1px solid black; width: 60px; height: 60px; margin: 0 auto;"></div>

9. What I like to do: <ul style="list-style-type: none"> <input type="checkbox"/> Investigate new places and activities. <input type="checkbox"/> Work with all ages and types of people. <input type="checkbox"/> Organize activities in which other people enjoy themselves. <input type="checkbox"/> Have a flexible schedule. <input type="checkbox"/> Help people make up their minds. <input type="checkbox"/> Communicate easily, tactfully, and courteously. <input type="checkbox"/> Learn about other cultures. 	My personal qualities <ul style="list-style-type: none"> <input type="checkbox"/> Tactful <input type="checkbox"/> Self-motivated <input type="checkbox"/> Works well with others <input type="checkbox"/> Outgoing <input type="checkbox"/> Slow to anger 	School subjects I like: <ul style="list-style-type: none"> <input type="checkbox"/> Language Arts, Speech <input type="checkbox"/> Foreign Languages <input type="checkbox"/> Social Sciences <input type="checkbox"/> Marketing <input type="checkbox"/> Food Services 	Total number checked in Box 9 <div style="border: 1px solid black; width: 60px; height: 60px; margin: 0 auto;"></div>
10. What I like to do: <ul style="list-style-type: none"> <input type="checkbox"/> Care about people, their needs, and their problems. <input type="checkbox"/> Participate in community services and/or volunteering. <input type="checkbox"/> Listen to other people's viewpoints. <input type="checkbox"/> Help people be at their best. <input type="checkbox"/> Work with people from preschool age to old age. <input type="checkbox"/> Think of new ways to do things. <input type="checkbox"/> Make friends with different kinds of people. 	My personal qualities <ul style="list-style-type: none"> <input type="checkbox"/> Good communicator, good listener <input type="checkbox"/> Caring <input type="checkbox"/> Non-materialistic <input type="checkbox"/> Uses intuition and logic <input type="checkbox"/> Non-judgmental 	School subjects I like: <ul style="list-style-type: none"> <input type="checkbox"/> Language Arts <input type="checkbox"/> Psychology, Sociology <input type="checkbox"/> Family and Consumer Sciences <input type="checkbox"/> Finance <input type="checkbox"/> Foreign Language 	Total number checked in Box 10 <div style="border: 1px solid black; width: 60px; height: 60px; margin: 0 auto;"></div>
11. What I like to do: <ul style="list-style-type: none"> <input type="checkbox"/> Work with computers. <input type="checkbox"/> Reason clearly and logically to solve complex problems. <input type="checkbox"/> Use machines, techniques, and processes. <input type="checkbox"/> Read technical materials and diagrams and solve technical problems. <input type="checkbox"/> Adapt to change. <input type="checkbox"/> Play video games and figure out how they work. <input type="checkbox"/> Concentrate for long periods without being distracted. 	My personal qualities <ul style="list-style-type: none"> <input type="checkbox"/> Logical/analytical thinker <input type="checkbox"/> See details in the big picture <input type="checkbox"/> Persistent <input type="checkbox"/> Good concentration skills <input type="checkbox"/> Precise and accurate 	School subjects I like: <ul style="list-style-type: none"> <input type="checkbox"/> Math <input type="checkbox"/> Science <input type="checkbox"/> Computer Technology, Computer Applications <input type="checkbox"/> Communications <input type="checkbox"/> Graphic Design 	Total number checked in Box 11 <div style="border: 1px solid black; width: 60px; height: 60px; margin: 0 auto;"></div>
12. What I like to do: <ul style="list-style-type: none"> <input type="checkbox"/> Work under pressure or in the face of danger. <input type="checkbox"/> Make decisions based on my own observations. <input type="checkbox"/> Interact with other people. <input type="checkbox"/> Be in positions of authority. <input type="checkbox"/> Respect rules and regulations. <input type="checkbox"/> Debate and win arguments. <input type="checkbox"/> Observe and analyze people's behavior. 	My personal qualities <ul style="list-style-type: none"> <input type="checkbox"/> Adventurous <input type="checkbox"/> Dependable <input type="checkbox"/> Community-minded <input type="checkbox"/> Decisive <input type="checkbox"/> Optimistic 	School subjects I like: <ul style="list-style-type: none"> <input type="checkbox"/> Language Arts <input type="checkbox"/> Psychology, Sociology <input type="checkbox"/> Government, History <input type="checkbox"/> Law Enforcement <input type="checkbox"/> First Aid, First Responder 	Total number checked in Box 12 <div style="border: 1px solid black; width: 60px; height: 60px; margin: 0 auto;"></div>

13. What I like to do: <ul style="list-style-type: none"> <input type="checkbox"/> Work with my hands and learn that way. <input type="checkbox"/> Put things together. <input type="checkbox"/> Do routine, organized, and accurate work. <input type="checkbox"/> Perform activities that produce tangible results. <input type="checkbox"/> Apply math to work out solutions. <input type="checkbox"/> Use hand and power tools and operate equipment/machinery. <input type="checkbox"/> Visualize objects in three dimensions from flat drawings. 	My personal qualities <ul style="list-style-type: none"> <input type="checkbox"/> Practical <input type="checkbox"/> Observant <input type="checkbox"/> Physically active <input type="checkbox"/> Step-by-step thinker <input type="checkbox"/> Coordinated 	School subjects I like: <ul style="list-style-type: none"> <input type="checkbox"/> Math, Geometry <input type="checkbox"/> Chemistry <input type="checkbox"/> Trade and Industry <input type="checkbox"/> Physics <input type="checkbox"/> Language Arts 	Total number checked in Box 13 <div style="border: 1px solid black; width: 60px; height: 60px; margin: 10px auto;"></div>
14. What I like to do: <ul style="list-style-type: none"> <input type="checkbox"/> Shop and go to the mall. <input type="checkbox"/> Be in charge. <input type="checkbox"/> Make displays and promote ideas. <input type="checkbox"/> Give presentations and enjoy public speaking. <input type="checkbox"/> Persuade people to buy products or to participate in activities. <input type="checkbox"/> Communicate my ideas to other people. <input type="checkbox"/> Take advantage of opportunities to make extra money. 	My personal qualities <ul style="list-style-type: none"> <input type="checkbox"/> Enthusiastic <input type="checkbox"/> Competitive <input type="checkbox"/> Creative <input type="checkbox"/> Self-motivated <input type="checkbox"/> Persuasive 	School subjects I like: <ul style="list-style-type: none"> <input type="checkbox"/> Language Arts <input type="checkbox"/> Math <input type="checkbox"/> Business Education, Marketing <input type="checkbox"/> Economics <input type="checkbox"/> Computer Applications 	Total number checked in Box 14 <div style="border: 1px solid black; width: 60px; height: 60px; margin: 10px auto;"></div>
15. What I like to do: <ul style="list-style-type: none"> <input type="checkbox"/> Interpret formulas. <input type="checkbox"/> Find the answers to questions. <input type="checkbox"/> Work in a laboratory. <input type="checkbox"/> Figure out how things work and investigate new things. <input type="checkbox"/> Explore new technology. <input type="checkbox"/> Experiment to find the best way to do something. <input type="checkbox"/> Pay attention to details and help things be precise. 	My personal qualities <ul style="list-style-type: none"> <input type="checkbox"/> Detail oriented <input type="checkbox"/> Inquisitive <input type="checkbox"/> Objective <input type="checkbox"/> Methodical <input type="checkbox"/> Mechanically inclined 	School subjects I like: <ul style="list-style-type: none"> <input type="checkbox"/> Math <input type="checkbox"/> Science <input type="checkbox"/> Drafting, Computer-Aided Drafting <input type="checkbox"/> Electronics, Computer Networking <input type="checkbox"/> Technology Education 	Total number checked in Box 15 <div style="border: 1px solid black; width: 60px; height: 60px; margin: 10px auto;"></div>
16. What I like to do: <ul style="list-style-type: none"> <input type="checkbox"/> Travel. <input type="checkbox"/> See well and have quick reflexes. <input type="checkbox"/> Solve mechanical problems. <input type="checkbox"/> Design efficient processes. <input type="checkbox"/> Anticipate needs and prepare to meet them. <input type="checkbox"/> Drive or ride. <input type="checkbox"/> Move things from one place to another. 	My personal qualities <ul style="list-style-type: none"> <input type="checkbox"/> Realistic <input type="checkbox"/> Mechanical <input type="checkbox"/> Coordinated <input type="checkbox"/> Observant <input type="checkbox"/> Planner 	School subjects I like: <ul style="list-style-type: none"> <input type="checkbox"/> Math <input type="checkbox"/> Trade and Industry <input type="checkbox"/> Physical Sciences <input type="checkbox"/> Economics <input type="checkbox"/> Foreign Language 	Total number checked in Box 16 <div style="border: 1px solid black; width: 60px; height: 60px; margin: 10px auto;"></div>

Tally up your score. What are your top three areas? Career clusters allow you to view related careers that call for similar skills and interests, helping you explore different occupations, even as you narrow your search for a particular career. Turn back to **pages 8-12** to find the career cluster that corresponds with the box #.

Career Search

Step 4

If in the previous exercise you ranked some Career Clusters high, you should start by turning to the pages of this booklet that feature those same Career Clusters. As you learn more about the type of work you would like to do, use CareerBridge.wa.gov to explore the full range of occupations, including those not listed in this booklet.

Here's a guide on how to use the Career Search Tables that follow:

Occupational Description: This booklet groups related occupations within Career Clusters. This column provides specific job descriptions.

Interest Rating: After you do the Step 2 exercise (pages 5-6), you'll be able to find occupations that match your interests by scanning this column.

Wages: Presented as monthly earnings for someone working full time. Wages vary depending on where you live and are based on experience.
Source: WOIS/The Career Information System

Outlook: Some jobs are in demand; others are not. This column lists the number of people employed in the state in a given occupation, the expected annual growth rate in jobs for that occupation based on a five-year (2008-2013) projection, and the number of all vacancies or job openings (new and existing positions) expected per year. Source: state's Employment Security Department.

Education: This column lists the most common training required or recommended to enter a given occupation. The numbers in this column match the numbers assigned to education and training providers listed in the back of this booklet (starting on page 68). You can also find detailed information about these programs, searchable by occupation of interest, at CareerBridge.wa.gov.

Find out whether a job is in demand in your region, what it pays and where to get the needed education and training near you by clicking on the state's searchable online database at CareerBridge.wa.gov

Occupational Description	Interest Rating	Monthly Wages	Outlook	Education (Most common training. Training requirements may vary.)
Dental Assistants help dentists with patient care, office tasks, and lab duties. <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%) rotate(-45deg); font-size: 4em; opacity: 0.5;">SAMPLE</div>	CRS	Entry: \$2,366 Average: \$3,163 Experienced: \$3,562	10,042 Employed 2.0% growth 378 openings/year	1 to 2 Years Dental Assisting 6, 18, 21, 23, 29-35, 122, 139, 154, 175, 181, 182, 195, 196, 229, 275, 283, 294, 320, 321, 361, 384

If you have completed the exercises outlined in the previous pages, you now have a way to start your career search.

Agriculture, Food, & Natural Resources



Occupational Description	Interest Rating	Monthly Wages	Outlook	Education (Most common training. Training requirements may vary.)
Agricultural Products Graders and Sorters examine products such as fruits, vegetables, and textiles to assign quality levels.	RCI	Entry: \$1,588 Average: \$1,820 Experienced: \$1,936	5,454 Employed 0.1% growth 109 openings/year	On-the-Job Training
Agricultural Scientists study plants and soils. They use science to protect, develop, and manage these resources.	IRA	Entry: \$3,442 Average: \$5,408 Experienced: \$6,391	488 Employed 0.8% growth 19 openings/year	Bachelor's Degree Agricultural Sciences 5, 15, 23, 26, 27, 29, 31, 44, 48, 50, 72
Animal Caretakers give care to animals at shelters, zoos, kennels, pet shops, stables, aquariums, and research labs.	RCS	Entry: \$1,615 Average: \$2,045 Experienced: \$2,260	4,979 Employed 1.3% growth 182 openings/year	High School Diploma Animal Training 156, 298, 351
Animal Trainers train animals to perform work, entertain, or serve as companions.	R	Entry: \$1,945 Average: \$3,044 Experienced: \$3,593	459 Employed 0.5% growth 10 openings/year	High School Diploma Animal Training 156, 298, 351
Commercial Fishers catch ocean fish and other marine life using nets, hooks, and traps.	REI	Entry: \$1,929 Average: \$2,733 Experienced: \$3,136	5,158 Employed 0.8% decrease 100 openings/year	High School Diploma On-the-Job Training
Conservation Scientists manage, develop, and help protect soil and rangelands.	IRE	Entry: \$4,039 Average: \$5,495 Experienced: \$6,223	588 Employed 0.3% growth 6 openings/year	Bachelor's Degree Agriculture 2, 23, 26, 27, 44, 48
Farm & Home Management Advisors teach people how to manage their farms and homes.	SRE	Entry: \$2,879 Average: \$4,157 Experienced: \$4,798	626 Employed 1.9% growth 26 openings/year	Bachelor's Degree Agricultural Business and Management 6, 23, 26, 29, 44, 48
Farm & Ranch Workers help raise crops and livestock for market.	R	Entry: \$1,598 Average: \$2,096 Experienced: \$2,666	4,727 Employed 0.2% growth 156 openings/year	High School Diploma
Farmers & Farm Managers raise crops and livestock for market. Farm managers oversee operational procedures of the farm.	E	Entry: \$4,477 Average: \$6,341 Experienced: \$7,270	98 Employed 0.6% decrease 1 opening/year	Associate Degree Agricultural Business and Management 6, 23, 26, 29, 44, 48
Fish & Game Wardens enforce the laws that protect fish and wildlife.	RIS	Entry: \$3,959 Average: \$5,087 Experienced: \$5,652	102 Employed 0.0% growth 2 openings/year	Associate Degree Law Enforcement 1-2, 4, 8, 10, 12, 14, 16, 20, 25, 26, 29, 36-38, 42, 71-72
Food Scientists conduct research to develop and improve food products that are healthy, safe, and appealing.	IRC	Entry: \$3,337 Average: \$5,061 Experienced: \$5,921	360 Employed 0.3% growth 12 openings/year	Bachelor's Degree Food Science 29, 48, 50

Agriculture, Food, & Natural Resources

Occupational Description	Interest Rating	Monthly Wages	Outlook	Education (Most common training. Training requirements may vary.)
Foresters manage, use, and help protect forests and other natural resources.	RIE	Entry: \$3,390 Average: \$4,527 Experienced: \$5,098	813 Employed 0.3% decrease 4 openings/year	Bachelor's Degree Forestry 4, 9, 23, 25, 45
Forestry Technicians help develop and protect forests.	R	Entry: \$2,082 Average: \$2,961 Experienced: \$3,401	1,445 Employed 0.4% growth 71 openings/year	Associate Degree Forest Technology 4, 9, 10, 15, 72
Geographers study physical and cultural characteristics of a given area.	IRA	No wage information available.	28 Employed 0.7% growth 1 opening/year	Master's Degree Geography 8, 10, 14, 16, 20, 22, 26, 27, 29, 36, 43-45, 47, 52, 84
Landscape Architects design and plan outdoor areas for use and beauty.	AIR	Entry: \$4,016 Average: \$5,677 Experienced: \$6,507	1,442 Employed 1.5% growth 43 openings/year	Bachelor's Degree Landscape Architecture 45, 48, 49
Landscapers & Groundskeepers plant and take care of flowers, lawns, shrubs, and trees.	R	Entry: \$1,825 Average: \$2,525 Experienced: \$4,094	26,926 Employed 1.6% growth 746 openings/year	On-the-Job Training Landscaping and Groundskeeping 5, 7, 21-23, 27, 32, 33, 55
Nursery Workers grow, transplant, and care for plants and trees for sale.	R	Entry: \$1,598 Average: \$2,019 Experienced: \$2,233	3,613 Employed 0.4% growth 122 openings/year	High School Diploma
Park Naturalists create programs to teach park visitors about natural areas.	SRA	Entry: \$4,039 Average: \$5,495 Experienced: \$6,223	588 Employed 0.3% growth 6 openings/year	Bachelor's Degree Natural Resource Science and Management 1, 3-5, 7-10, 12-26, 28, 32, 36, 43-48, 50-53, 59, 60, 71, 72, 78, 80, 85, 91, 93
Winemakers turn grape or other fruit juices into wine.	EIR	No wage information available.	No outlook information available.	Bachelor's Degree Enology and Viticulture 22, 26, 29, 33, 48, 50, 200, 237, 413
Zoologists study animals and how they live and grow in their habitat.	IRC	Entry: \$3,933 Average: \$5,424 Experienced: \$6,167	2,013 Employed 0.9% growth 82 openings/year	Bachelor's Degree Zoology and Animal Biology 9, 25, 36, 44, 48, 156

Architecture & Construction



Occupational Description	Interest Rating	Monthly Wages	Outlook	Education (Most common training. Training requirements may vary.)
Architects plan and design all types of buildings and structures.	AI	Entry: \$4,240 Average: \$6,585 Experienced: \$7,758	4,635 Employed 1.2% growth 126 openings/year	5 to 8 Years Architecture 9, 25, 44, 45, 48, 49
Bricklayers & Stonemasons build walls and structures using bricks, stones, and mortar.	R	Entry: \$3,068 Average: \$4,901 Experienced: \$5,815	3,128 Employed 3.9% decrease 0 openings/year	Apprenticeship Programs 437
Carpenters cut, fit, and assemble wood and other materials to construct buildings.	R	Entry: \$2,680 Average: \$4,094 Experienced: \$4,800	52,673 Employed 3.7% decrease 0 openings/year	Apprenticeship Programs Carpentry 5, 6, 9, 10, 15, 18, 23, 26, 30-32, 175, 294, 415, 424
Commercial Divers work underwater to build or repair structures. They also perform search and rescue duties.	R	No wage information available.	71 Employed 0.3% growth 1 opening/year	High School Diploma Diving Technology 150, 185
Construction & Building Inspectors inspect new or remodeled structures.	RCI	Entry: \$3,846 Average: \$5,236 Experienced: \$5,930	2,858 Employed 0.5% growth 67 openings/year	1 to 2 Years Construction Inspection 7, 13, 31, 43, 193
Construction Managers schedule and coordinate the work on construction projects.	ERC	Entry: \$5,957 Average: \$9,485 Experienced: \$11,246	13,337 Employed 2.5% decrease 0 openings/year	Bachelor's Degree Construction Management 4, 7, 16, 17, 31, 34, 36, 43, 45, 48, 73-75
Drafters make detailed drawings of objects that will be manufactured or built.	ARI	Entry: \$2,858 Average: \$3,994 Experienced: \$4,562	3,578 Employed 1.0% growth 113 openings/year	1 to 2 Years Drafting and Design Technology 4-6, 8, 10-14, 19, 21-23, 27, 29, 30-34, 43, 52, 73-75, 114
Electricians install, test, and maintain electrical systems.	R	Entry: \$3,304 Average: \$5,073 Experienced: \$5,961	19,095 Employed 2.5% decrease 0 openings/year	Apprenticeship Programs Electrical and Power Transmission 5, 23, 26, 27, 30-32, 175, 316, 416, 425
Energy Auditors evaluate energy use patterns.	CER	No wage information available.	No outlook information available.	Associate Degree Energy Management and Systems Technology 3, 7, 16, 19, 33, 284
General Construction Workers carry out semi-skilled tasks in many areas of construction.	RCE	Entry: \$2,090 Average: \$3,169 Experienced: \$3,708	26,090 Employed 3.0% decrease 0 openings/year	On-the-job Training Construction Trades 5-7, 15, 19, 23, 27, 31, 32, 35, 126, 127, 168, 176, 335, 406, 429, 430, 432, 435-437

Architecture & Construction

Occupational Description	Interest Rating	Monthly Wages	Outlook	Education (Most common training. Training requirements may vary.)
Glaziers install windows and mirrors in homes and other buildings.	RCE	Entry: \$2,406 Average: \$3,732 Experienced: \$4,394	2,467 Employed 2.8% decrease 15 openings/year	Apprenticeship Programs
Hazardous Material Workers remove and dispose of harmful materials.	RCI	Entry: \$2,919 Average: \$4,415 Experienced: \$5,164	2,843 Employed 2.5% growth 138 openings/year	32-40 Hour Training Hazardous Material Training 126, 127, 168, 335, 406, 432, 435
Heating & Cooling System Mechanics install and repair heating, air conditioning, and refrigeration systems.	R	Entry: \$3,000 Average: \$4,453 Experienced: \$5,179	6,410 Employed 1.4% decrease 1 opening/year	Apprenticeship Programs Heating, Air Conditioning, and Refrigeration Technology 6, 13, 23, 26, 27, 30, 31, 34, 176, 226, 293, 316, 426, 427, 431, 434, 438
Insulation Installers put in the materials used to insulate buildings and equipment.	R	Entry: \$2,401 Average: \$3,942 Experienced: \$4,838	2,740 Employed 3.8% decrease 0 openings/year	Apprenticeship Programs Construction Trades 5-7, 15, 19, 23, 27, 31, 32, 35, 126, 127, 168, 176, 335, 406, 429, 430, 432, 435-437
Line Installers & Repairers construct and maintain networks of wires and cables.	R	Entry: \$2,881 Average: \$4,952 Experienced: \$6,464	5,889 Employed 0.6% decrease 76 openings/year	Apprenticeship Programs Electrical and Power Transmission 5, 23, 26, 27, 30-32, 175, 316, 416, 425
Operating Engineers & Construction Equipment Operators use machinery to move construction materials.	RCI	Entry: \$3,129 Average: \$4,576 Experienced: \$5,302	10,093 Employed 1.9% decrease 0 openings/year	On-the-job Training Heavy Equipment Operations Apprenticeship Programs 176, 406, 424, 428, 433, 435
Plumbers & Pipefitters install and repair pipe systems that carry water, steam, air, and other fluids or gases.	R	Entry: \$2,947 Average: \$4,749 Experienced: \$5,651	14,029 Employed 2.6% decrease 0 openings/year	Apprenticeship/License Plumbing and Water Supply 6, 176, 423, 427, 431, 434
Roofers apply shingles and other materials to the roofs of buildings.	RCI	Entry: \$2,234 Average: \$3,604 Experienced: \$4,288	6,736 Employed 4.0% decrease 0 openings/year	Apprenticeship Programs Construction Trades 5-7, 15, 19, 23, 27, 31, 32, 35, 126, 127, 168, 176, 335, 406, 429, 430, 432, 435-437
Sheet Metal Workers make and install metal building parts and products.	R	Entry: \$2,647 Average: \$4,302 Experienced: \$5,131	4,030 Employed 2.8% decrease 0 openings/year	Apprenticeship Programs Sheet Metal Technology 6, 30, 176, 426, 438
Surveyors measure and map land, air space, and water boundaries.	R	Entry: \$4,276 Average: \$6,008 Experienced: \$6,873	1,129 Employed 1.4% growth 43 openings/year	Bachelor's Degree Surveying Technology 6, 10, 14, 21, 22, 26, 30, 31, 34, 403, 428

Arts, A/V Technology, & Communications



Occupational Description	Interest Rating	Monthly Wages	Outlook	Education (Most common training. Training requirements may vary.)
Actors portray characters in front of live audiences, cameras, or both.	AES	Entry: \$1,796 Average: \$3,678 Experienced: \$4,619	845 Employed 0.5% growth 23 openings/year	1 to 4 Years Dramatic Arts 4-6, 8, 12, 14, 16, 20, 24, 26, 36, 43-45, 52, 53, 61, 71, 78, 80, 82, 84, 85, 93, 94
Animators & Multi-Media Artists create graphics and animation using hand drawings and computer software and equipment.	A	Entry: \$3,661 Average: \$5,453 Experienced: \$6,347	4,198 Employed 1.3% growth 147 openings/year	Bachelor's Degree Animation, Video Graphics, and Special Effects 1, 7, 11, 14, 19, 32, 43, 61, 64, 73-75, 77, 124, 189
Announcers entertain and inform audiences on radio, TV, or in person at public events.	AES	Entry: \$1,929 Average: \$4,917 Experienced: \$6,413	807 Employed 0.0% growth 22 openings/year	1 to 4 Years Broadcast Journalism 4, 24, 36, 43, 45, 48, 71, 80, 85, 94
Audio-Visual Specialists produce and maintain audio-visual materials. They operate audio-visual equipment at presentations and entertainment venues.	RIC	Entry: \$2,335 Average: \$3,536 Experienced: \$4,136	1,243 Employed 0.7% growth 40 openings/year	Bachelor's Degree Educational Media Design 24, 36, 43, 53
Broadcast Technicians record or broadcast radio and television programs.	RCI	Entry: \$1,863 Average: \$3,496 Experienced: \$4,311	625 Employed 0.1% growth 19 openings/year	1 to 2 Years Radio and Television Broadcasting Technology 4, 6, 10, 13, 21, 29, 30, 48, 71, 91
Camera Operators use motion picture, TV, or video cameras to film a wide range of subjects.	RAC	Entry: \$2,950 Average: \$4,874 Experienced: \$5,838	527 Employed 0.1% growth 12 openings/year	Associate Degree Cinematography and Film/ Video Production 1, 4, 7, 16, 18, 19, 30, 32, 33, 36, 43, 61, 78, 124
Dancers express ideas, stories, and rhythm by moving their bodies with music.	ARS	Entry: \$2,673 Average: \$4,801 Experienced: \$5,866	270 Employed 0.2% growth 14 openings/year	On-the-Job Training Dance 26, 44, 45, 52, 61
Film & Video Editors use editing equipment to remove unwanted parts of a film or video. They reassemble the best parts so that the film is entertaining and interesting.	A	Entry: \$2,148 Average: \$4,425 Experienced: \$5,562	385 Employed 0.5% growth 10 openings/year	Bachelor's Degree Cinematography and Film/ Video Production 1, 4, 7, 16, 18, 19, 30, 32, 33, 36, 43, 61, 78, 124
Fine Artists create works of art to communicate ideas, thoughts, or feelings.	ARE	Entry: \$2,843 Average: \$4,264 Experienced: \$4,975	586 Employed 0.2% decrease 11 openings/year	1 to 4 Years Art and Fine Arts 2, 4, 6, 8, 10, 12-14, 16, 17, 19, 20, 22, 24-27, 29, 36, 43-46, 48, 51, 52, 61, 71, 72, 77, 80, 84, 85, 91, 93, 125

Arts, A/V Technology, & Communications

Occupational Description	Interest Rating	Monthly Wages	Outlook	Education (Most common training. Training requirements may vary.)
Graphic Designers create designs using print, electronic, and film media.	A	Entry: \$2,761 Average: \$4,170 Experienced: \$4,876	6,622 Employed 0.3% growth 217 openings/year	Bachelor's Degree Graphic Design 4, 5, 8, 11, 15, 18, 19, 20, 24, 28, 33, 36, 43, 45, 61-63, 71, 77, 80, 85, 91, 94, 104, 124, 316, 347
Journalists gather information, prepare stories, and make broadcasts to inform people about local, state, and national events.	A	Entry: \$2,234 Average: \$5,078 Experienced: \$8,199	1,509 Employed 2.5% decrease 3 openings/year	Bachelor's Degree Journalism 4, 8, 14, 16, 19-22, 24, 25, 27, 36, 43, 45, 48, 52, 71, 78, 80, 84, 85, 91, 94
Musicians perform music on stage and in recording studios.	AER	Entry: \$2,959 Average: \$5,034 Experienced: \$6,070	2,720 Employed 0.3% growth 59 openings/year	Bachelor's Degree Music 2, 6, 8, 12-14, 16, 17, 19, 20, 22, 24-27, 29, 36, 43-45, 48, 52, 71, 78, 80, 82, 84, 85, 90, 91, 93, 94
Photographers produce images that paint a picture, tell a story, or record an event.	ARE	Entry: \$1,903 Average: \$3,446 Experienced: \$4,217	4,189 Employed 0.4% growth 88 openings/year	1 to 4 Years Photography 5, 8, 10, 11, 15, 18, 19, 24, 44, 45, 61, 80, 85, 91, 124, 316
Producers select plays or scripts, arrange financing, and make other production decisions. Directors interpret plays or scripts by directing the work of the cast and crew.	E	Entry: \$2,988 Average: \$5,231 Experienced: \$6,353	2,074 Employed 0.4% growth 71 openings/year	Bachelor's Degree Directing, Theater, Production, and Arts Management 5, 6, 8, 12, 14, 16, 19, 20, 27, 29, 36, 44, 45, 61, 71, 80, 84, 85, 90, 94
Sound Engineering Technicians use console boards to record, copy, and edit music and voice.	RAC	Entry: \$2,463 Average: \$4,392 Experienced: \$5,358	498 Employed 0.4% growth 17 openings/year	1 to 2 Years Radio and Television Broadcasting Technology 4, 6, 10, 13, 21, 29, 30, 48, 71, 91
Writers use words to express thoughts and interpret information.	AIC	Entry: \$3,319 Average: \$5,098 Experienced: \$5,989	4,167 Employed 0.6% growth 113 openings/year	Bachelor's Degree English Composition and Writing 2, 4, 8, 12, 14, 16, 17, 20, 22-25, 27, 29, 36, 43-45, 51, 71, 78

Business, Management, & Administration



Occupational Description	Interest Rating	Monthly Wages	Outlook	Education (Most common training. Training requirements may vary.)
Accountants & Auditors assemble, analyze, and check the accuracy of financial information.	CEI	Entry: \$3,860 Average: \$5,517 Experienced: \$6,347	26,168 Employed 1.2% growth 714 openings/year	Bachelor's Degree Accounting 1, 2, 7, 8, 13, 16, 36-38, 43, 45-48, 50-52, 58, 62, 63, 71, 72, 78-82, 84, 85, 89, 91, 94, 162, 243
Bookkeeping & Accounting Clerks manage the financial records of companies or clients.	C	Entry: \$2,253 Average: \$3,134 Experienced: \$3,574	52,828 Employed 0.2% decrease 497 openings/year	1 to 2 Years Bookkeeping and Accounting Technology 1-15, 17, 19-35, 62, 63, 72, 114, 193, 194
Business Executives run companies or government agencies. They create plans to help their organizations grow.	ECS	Entry: \$9,025 Average: \$15,926 Experienced: \$19,377	3,938 Employed 0.5% growth 125 openings/year	Bachelor's Degree Business Management and Administration 1, 4-26, 28-31, 33, 34, 36, 43-54, 56-60, 62, 63, 65-67, 69, 71, 78-82, 84, 85, 89-92, 94, 114, 231, 243, 379
Customer Service Representatives try to solve customer complaints.	E	Entry: \$2,075 Average: \$2,782 Experienced: \$3,136	31,572 Employed 0.5% growth 1,159 openings/year	High School Diploma
Employment Recruiters search for and screen promising job applicants.	ESC	Entry: \$2,881 Average: \$5,098 Experienced: \$6,205	4,321 Employed 2.0% growth 204 openings/year	Bachelor's Degree Human Resources Management 1, 14, 16, 17, 22, 31, 33, 36, 43, 45, 51, 52, 56, 57, 62, 63, 71, 72, 80, 81, 89, 92
Executive Secretaries & Administrative Assistants assist managers and direct office activities.	CES	Entry: \$3,085 Average: \$4,030 Experienced: \$4,501	20,665 Employed 0.5% growth 384 openings/year	1 to 2 Years Office Management 1, 7, 11, 16, 17, 23, 31, 34, 104, 114
General & Operations Managers oversee the day-to-day activities of a company or organization.	ECS	Entry: \$6,113 Average: \$11,064 Experienced: \$13,541	22,545 Employed 0.1% growth 644 openings/year	Bachelor's Degree Business Management and Administration 1, 4-26, 28-31, 33, 34, 36, 43-54, 56-60, 62, 63, 65-67, 69, 71, 78-82, 84, 85, 89-92, 94, 114, 231, 243, 379
General Office Clerks perform a variety of duties that help keep offices organized.	C	Entry: \$1,834 Average: \$2,510 Experienced: \$2,850	59,941 Employed 0.5% growth 1,076 openings/year	High School Diploma Office Support 1-26, 29-35, 98, 114, 126, 127, 151, 209, 231, 233, 272, 312, 370

Business, Management, & Administration

Occupational Description	Interest Rating	Monthly Wages	Outlook	Education (Most common training. Training requirements may vary.)
Human Resources Managers plan and direct policies about employees.	E	Entry: \$5,498 Average: \$8,512 Experienced: \$10,367	3,646 Employed 0.4% growth 85 openings/year	Bachelor's Degree Human Resources Management 1, 14, 16, 17, 22, 31, 33, 36, 43, 45, 51, 52, 56, 57, 62, 63, 71, 72, 80, 81, 89, 92
Legal Secretaries perform clerical duties in law offices. They must be familiar with legal procedures.	CER	Entry: \$2,581 Average: \$3,682 Experienced: \$4,231	4,470 Employed 1.2% growth 118 openings/year	1 to 2 Years Legal Secretarial Studies 4-8, 10, 13-15, 21, 23, 26, 27, 29-31, 33, 34, 194, 309
Medical Secretaries perform office duties that use their knowledge of medical terms and procedures.	C	Entry: \$2,349 Average: \$3,063 Experienced: \$3,418	17,251 Employed 2.3% growth 665 openings/year	1 to 2 Years Medical Secretarial Studies 2, 4-10, 12, 15, 17, 21-23, 25, 26, 29, 30, 32-35, 113, 122, 194, 231, 272, 309, 329
Meeting & Convention Planners organize events for groups of people.	ECS	Entry: \$2,939 Average: \$4,082 Experienced: \$4,659	1,205 Employed 0.5% growth 31 openings/year	Bachelor's Degree Public Relations 36, 43, 48, 71, 78, 80, 85, 91
Office Managers plan and oversee the work of office staff.	ECS	Entry: \$3,014 Average: \$4,385 Experienced: \$5,070	29,086 Employed 0.0% growth 598 openings/year	High School Diploma Office Management 1, 7, 11, 16, 17, 23, 31, 34, 104, 114
Property & Real Estate Managers take care of the daily operation of properties. Some find, buy, and develop property.	ECS	Entry: \$3,401 Average: \$5,918 Experienced: \$7,176	7,149 Employed 0.1% decrease 105 openings/year	1 to 2 Years Real Estate Business Management and Administration 1, 4-26, 28-31, 33, 34, 36, 43-54, 56-60, 62, 63, 65-67, 69, 71, 78-82, 84, 85, 89-92, 94, 114, 231, 243, 379
Public Relations Specialists help build a positive public image for organizations.	EAS	Entry: \$3,295 Average: \$5,183 Experienced: \$6,124	6,035 Employed 1.0% growth 203 openings/year	Bachelor's Degree Public Relations 36, 43, 48, 71, 78, 80, 85, 91
Receptionists greet visitors and determine whom they need to see or where they need to go.	CES	Entry: \$1,808 Average: \$2,413 Experienced: \$2,831	26,392 Employed 1.2% growth 1,068 openings/year	High School Diploma Office Support 1-26, 29-35, 98, 114, 126, 127, 151, 209, 231, 233, 272, 312, 370
Secretaries perform a variety of clerical and administrative duties needed to operate an office.	CES	Entry: \$2,278 Average: \$3,011 Experienced: \$3,377	32,647 Employed 0.4% growth 573 openings/year	High School Diploma Administrative Assistant and Secretarial Science 1, 2, 4-24, 26-33, 35, 104, 154, 194, 231, 309
Stock Clerks receive, unpack, check, store, and track merchandise or materials.	CRE	Entry: \$1,633 Average: \$2,298 Experienced: \$2,631	37,569 Employed 0.1% growth 925 openings/year	High School Diploma

Education & Training



Occupational Description	Interest Rating	Monthly Wages	Outlook	Education (Most common training. Training requirements may vary.)
Adult & Vocational Education Teachers teach basic education, self-improvement courses, or occupational training skills.	S	Entry: \$2,272 Average: \$3,645 Experienced: \$5,455	19,291 Employed 0.9% growth 462 openings/year	Bachelor's Degree Adult and Continuing Education Teaching 36, 43, 52, 54, 67, 71, 86, 89, 318, 369, 378
Coaches teach and motivate players in individual and team sports. Scouts seek out top athletes for a team or sport.	S	No wage information available.	8,718 Employed 0.9% growth 239 openings/year	Bachelor's Degree Sports and Fitness Management 43, 45, 71
College & University Administrators manage the business affairs and student services of colleges.	ECS	Entry: \$4,919 Average: \$7,686 Experienced: \$9,069	2,238 Employed 1.0% growth 87 openings/year	Doctoral Degree Higher Education Administration 45, 46, 54, 89
Curators protect items of historic, cultural, and artistic value. They study, catalog, preserve, and display documents and artifacts.	E	Entry: \$2,451 Average: \$4,475 Experienced: \$5,488	273 Employed 0.4% growth 9 openings/year	Master's Degree Museum Studies 36, 45, 82
Education Administrators are in charge of schools and school districts.	ESC	No wage information available.	6,212 Employed 1.3% growth 249 openings/year	Master's Degree Education Administration 26, 36, 37, 43, 45-54, 58, 71, 72, 79, 80, 82, 84, 85, 89, 94
Elementary School Teachers work in public and private schools. They instruct children in grades one through six.	SAC	Entry: \$3,556 Average: \$4,705 Experienced: \$5,279	28,482 Employed 1.0% growth 899 openings/year	Bachelor's Degree/License Elementary Education and Teaching 1-8, 10-12, 14-19, 21-25, 29, 32, 36-53, 58-60, 71, 72, 78, 79, 80, 82, 84, 85, 89-91, 94, 266-269, 362
Employee Training Specialists plan and organize instructional activities.	SAC	Entry: \$3,524 Average: \$5,567 Experienced: \$6,588	3,526 Employed 1.0% growth 125 openings/year	Bachelor's Degree Human Resources Management 1, 14, 16, 17, 22, 31, 33, 36, 43, 45, 51, 52, 56, 57, 62, 63, 71, 72, 80, 81, 89, 92
High School Teachers teach specific subjects to students who are between 13 and 18 years old.	S	Entry: \$3,701 Average: \$4,884 Experienced: \$5,476	18,781 Employed 1.0% growth 736 openings/year	Bachelor's Degree/License Secondary Education and Teaching 1, 4-6, 8, 10-12, 14-19, 22-24, 26, 36-38, 42-48, 51-53, 58- 60, 71, 72, 78-80, 82, 84, 85, 89-91, 94

Education & Training

Instructional Coordinators help teachers and others plan and carry out educational programs.	S	Entry: \$3,564 Average: \$5,115 Experienced: \$5,890	2,537 Employed 0.9% growth 77 openings/year	Master's Degree Curriculum and Instructions 36, 43-46, 48, 50-53, 58, 62, 63, 71, 72, 82, 84, 85, 89-91
Librarians organize materials in libraries and help people locate them.	CSE	Entry: \$3,673 Average: \$5,061 Experienced: \$5,756	3,788 Employed 0.6% growth 111 openings/year	Master's Degree Library Science 22, 36, 45
Library Technical Assistants help librarians order, prepare, and organize materials.	CSE	Entry: \$2,326 Average: \$2,988 Experienced: \$3,319	2,428 Employed 0.6% growth 147 openings/year	High School Diploma Library Assistant 11, 24
Preschool & Kindergarten Teachers help children explore their interests and develop their talents. They help children build self-esteem and learn how to behave with others.	SAE	Entry: \$1,733 Average: \$2,427 Experienced: \$2,773	9,841 Employed 1.3% growth 320 openings/year	High School Diploma/ Bachelor's Degree Early Childhood Education and Teaching 1, 2, 4-16, 18-21, 24-32, 34, 36, 37, 42, 43, 45, 48, 52, 56, 58, 71, 72, 79, 82, 89, 94, 266-269, 362, 387
Public Health Educators plan, direct, and carry out health education programs.	S	Entry: \$2,324 Average: \$3,988 Experienced: \$4,820	1,232 Employed 1.6% growth 45 openings/year	Master's Degree Public and Community Health 36, 43-45, 52, 80, 91
Special Education Teachers work with children and youth who have a variety of disabilities.	S	Entry: \$3,342 Average: \$4,553 Experienced: \$5,210	6,112 Employed 1.0% growth 206 openings/year	Bachelor's Degree/License Special Education 19, 24, 29, 36, 37, 43-45, 47, 48, 51, 52, 58, 71, 72, 79, 80, 82, 84, 85, 89, 94
Teacher Aides provide teaching and clerical support for classroom teachers.	SCA	Entry: \$1,938 Average: \$2,429 Experienced: \$2,674	33,030 Employed 1.0% growth 979 openings/year	High School Diploma Teacher Assisting 2, 4, 8, 10-12, 14, 16, 19-21, 24-26, 28-30, 32
University & College Teachers teach classes, conduct research, and write papers.	S	No wage information available.	43,399 Employed 1.0% growth 1,129 openings/year	Doctoral Degree Education, General 14, 26, 34, 36, 43-48, 50-53, 56, 59, 60, 62, 63, 71, 79, 80, 82, 84-86, 88-91, 94

Finance



Occupational Description	Interest Rating	Monthly Wages	Outlook	Education (Most common training. Training requirements may vary.)
Actuaries use math and statistics to calculate the odds that an event will happen. They design insurance programs and pension plans.	CIE	Entry: \$4,850 Average: \$8,131 Experienced: \$9,771	404 Employed 0.1% growth 10 openings/year	Bachelor's Degree Actuarial Science 36, 45, 48, 71, 91, 94
Appraisers & Assessors estimate the value of items such as buildings, art, or antiques.	CEI	Entry: \$3,650 Average: \$5,495 Experienced: \$6,417	1,880 Employed 0.2% growth 31 openings/year	Varies Educational programs vary depending on specialty.
Bank Tellers help customers with their banking activities.	CER	Entry: \$1,846 Average: \$2,161 Experienced: \$2,317	11,902 Employed 0.9% decrease 436 openings/year	High School Diploma On-the-Job Training 34
Brokerage Clerks record the purchase and transfer of securities.	CES	Entry: \$2,709 Average: \$3,572 Experienced: \$4,006	1,035 Employed 0.7% decrease 22 openings/year	1 to 2 Years Finance 4, 7, 24, 34, 36, 43, 45-48, 51, 52, 62, 63, 71, 72, 78-80, 82, 84, 85, 91, 135
Financial Analysts collect, analyze, and interpret financial information.	CIE	Entry: \$4,536 Average: \$6,711 Experienced: \$7,797	3,310 Employed 0.6% growth 67 openings/year	Bachelor's Degree Finance 4, 7, 24, 34, 36, 43, 45-48, 51, 52, 62, 63, 71, 72, 78-80, 82, 84, 85, 91, 135
Financial Counselors explain funding options to students or teach money management skills to clients.	ECS	Entry: \$3,028 Average: \$5,977 Experienced: \$7,453	2,932 Employed 0.6% growth 44 openings/year	Bachelor's Degree Finance 4, 7, 24, 34, 36, 43, 45-48, 51, 52, 62, 63, 71, 72, 78-80, 82, 84, 85, 91, 135
Financial Managers take care of the budgets and investments for companies.	C	Entry: \$5,680 Average: \$9,211 Experienced: \$10,977	12,892 Employed 0.1% decrease 192 openings/year	Bachelor's Degree Finance 4, 7, 24, 34, 36, 43, 45-48, 51, 52, 62, 63, 71, 72, 78-80, 82, 84, 85, 91, 135
Insurance Adjusters & Examiners decide how much to pay on insurance claims.	C	Entry: \$3,569 Average: \$5,039 Experienced: \$5,775	5,373 Employed 0.4% decrease 106 openings/year	Bachelor's Degree Business Management and Administration 1, 4-26, 28-31, 33, 34, 36, 43-54, 56-60, 62, 63, 65-67, 69, 71, 78-82, 84, 85, 89-92, 94, 114, 231, 243, 379

Finance

Occupational Description	Interest Rating	Monthly Wages	Outlook	Education (Most common training. Training requirements may vary.)
Insurance Agents sell policies that provide financial protection in case of death, accidents, or acts of nature.	ECS	Entry: \$2,900 Average: \$4,987 Experienced: \$6,030	8,176 Employed 0.2% decrease 167 openings/year	Bachelor's Degree Business Management and Administration 1, 4-26, 28-31, 33, 34, 36, 43-54, 56-60, 62, 63, 65-67, 69, 71, 78-82, 84, 85, 89-92, 94, 114, 231, 243, 379
Insurance Underwriters compute the risk of loss, set premium rates, and write policies that cover that loss.	CEI	Entry: \$3,808 Average: \$5,574 Experienced: \$6,458	1,433 Employed 1.1% decrease 23 openings/year	Bachelor's Degree Finance 4, 7, 24, 34, 36, 43, 45-48, 51, 52, 62, 63, 71, 72, 78-80, 82, 84, 85, 91, 135
Loan Clerks process the paperwork associated with loan applications.	CES	Entry: \$2,245 Average: \$3,247 Experienced: \$3,747	4,106 Employed 0.9% decrease 52 openings/year	On-the-Job Training Finance 4, 7, 24, 34, 36, 43, 45-48, 51, 52, 62, 63, 71, 72, 78-80, 82, 84, 85, 91, 135
Loan Officers evaluate applicants' financial backgrounds. They decide whether applicants will receive loans.	CES	Entry: \$2,442 Average: \$4,832 Experienced: \$8,027	8,869 Employed 0.1% decrease 50 openings/year	Bachelor's Degree Finance 4, 7, 24, 34, 36, 43, 45-48, 51, 52, 62, 63, 71, 72, 78-80, 82, 84, 85, 91, 135
Securities Salespeople buy and sell securities or offer financial services.	ECS	Entry: \$2,685 Average: \$6,611 Experienced: \$8,575	6,187 Employed 0.7% decrease 141 openings/year	Bachelor's Degree/ License Finance 4, 7, 24, 34, 36, 43, 45-48, 51, 52, 62, 63, 71, 72, 78-80, 82, 84, 85, 91, 135
Tax Examiners determine the amount of taxes owed.	CES	Entry: \$3,108 Average: \$4,103 Experienced: \$4,599	3,518 Employed 0.0% growth 119 openings/year	Bachelor's Degree Accounting 1, 2, 7, 8, 13, 16, 36-38, 43, 45-48, 50-52, 58, 62, 63, 71, 72, 78, 79, 80-82, 84, 85, 89, 91, 94, 162, 243
Tax Preparers interview clients, review tax records, and fill out tax returns.	CES	Entry: \$1,726 Average: \$2,571 Experienced: \$2,992	1,316 Employed 1.6% growth 40 openings/year	1 to 2 Years Taxation 4, 13, 19, 25, 45, 51, 70, 71, 219

Government & Public Administration



Occupational Description	Interest Rating	Monthly Wages	Outlook	Education (Most common training. Training requirements may vary.)
Animal Control Workers enforce animal control laws.	R	Entry: \$2,097 Average: \$3,337 Experienced: \$3,955	241 Employed 0.1% growth 8 openings/year	On-the-Job Training
Compliance Officers & Inspectors enforce rules that protect the public.	C	Entry: \$3,130 Average: \$4,720 Experienced: \$5,515	6,282 Employed 0.5% growth 80 openings/year	Bachelor's Degree Educational programs vary by specialty.
Coroners work to find the cause of deaths that are accidental, violent, or unexplained.	I	No wage information available.	No outlook information available.	Doctorate Degree Medicine 23, 24, 45
Court Clerks process legal records and perform other duties for a court of law.	CER	Entry: \$2,562 Average: \$3,311 Experienced: \$3,683	6,734 Employed 0.2% growth 204 openings/year	High School Diploma Office Support 1-26, 29-35, 98, 114, 126, 127, 151, 209, 231, 233, 272, 312, 370
Court Reporters record official court proceedings using stenotype machines.	CES	Entry: \$4,775 Average: \$5,819 Experienced: \$6,341	249 Employed 1.5% growth 7 openings/year	1 to 2 Years Court Reporting 10
Economists study laws and market forces to understand and predict changes in business cycles.	ICE	Entry: \$4,999 Average: \$6,490 Experienced: \$7,235	438 Employed 0.5% growth 15 openings/year	Master's Degree Economics 2, 12, 16, 17, 20, 22-27, 29, 36, 43-45, 48, 52, 71, 80, 84, 85, 90, 93, 94
Government Benefits Interviewers help determine if people qualify for government assistance.	SCE	Entry: \$2,801 Average: \$3,680 Experienced: \$4,117	1,539 Employed 0.5% growth 39 openings/year	1 to 2 Years Human Services 6, 7, 9-11, 14, 16, 18, 20, 23, 25, 32, 33, 36, 39, 43, 45, 46, 52, 59, 60, 79, 82, 89, 243
Mail Carriers deliver mail to homes and businesses along an established route.	CRE	Entry: \$3,508 Average: \$4,157 Experienced: \$4,479	6,780 Employed 0.2% growth 213 openings/year	On-the-Job Training
Occupational Health & Safety Specialists investigate workplaces. They recommend ways to remove health hazards.	I	Entry: \$4,410 Average: \$5,907 Experienced: \$6,658	2,159 Employed 1.0% growth 90 openings/year	Bachelor's Degree Occupational Safety and Health 7, 16, 36, 38, 44, 45, 168, 296, 297, 335
Postal Service Workers provide service to post office customers, sort mail, and/or deliver and pick up mail along a specified route.	CR	Entry: \$3,789 Average: \$4,243 Experienced: \$4,469	1,562 Employed 0.3% growth 36 openings/year	On-the-Job Training

Government & Public Administration

Occupational Description	Interest Rating	Monthly Wages	Outlook	Education (Most common training. Training requirements may vary.)
Social Science Research Assistants gather and analyze data for use by urban planners.	CIS	Entry: \$2,591 Average: \$3,460 Experienced: \$3,895	878 Employed 0.9% growth 48 openings/year	Bachelor's Degree Community and Regional Planning 25, 43, 45, 53
Title Examiners & Searchers review records to verify the legal status of land.	CEI	Entry: \$2,557 Average: \$3,862 Experienced: \$4,514	1,358 Employed 0.7% decrease 7 openings/year	High School Diploma Paralegal Studies 7, 11, 20, 21, 23, 28, 37, 38, 42, 73-75, 161-163, 195, 316
Trash Collectors collect garbage and transport it to dumps or landfills.	RCE	Entry: \$2,824 Average: \$3,760 Experienced: \$4,228	2,678 Employed 2.0% growth 140 openings/year	On-the-Job Training
Urban & Regional Planners conduct studies and develop proposals. They plan for the overall growth and improvement of urban, suburban, and rural areas.	IEA	Entry: \$4,174 Average: \$5,699 Experienced: \$6,462	3,052 Employed 0.9% growth 79 openings/year	Master's Degree Community and Regional Planning 25, 43, 45, 53
Water Treatment Plant Operators treat water so it is safe to drink. They also remove pollutants from wastewater so it is safe to return to the environment.	RCI	Entry: \$3,229 Average: \$4,368 Experienced: \$4,938	1,373 Employed 0.5% growth 35 openings/year	1 to 2 Years Water and Wastewater Treatment Technology 20

Health Science



Occupational Description	Interest Rating	Monthly Wages	Outlook	Education (Most common training. Training requirements may vary.)
Athletic Trainers help prevent and treat injuries in people who are physically active.	SRI	No wage information available.	224 Employed 1.8% growth 11 openings/year	Bachelor's Degree Athletic Training 4, 36, 43, 48, 55, 71, 80, 94
Cardiovascular Technologists and Technicians help doctors identify and treat cardiac (heart) and vascular (blood vessel) problems.	RIS	Entry: \$3,240 Average: \$5,117 Experienced: \$6,056	581 Employed 2.4% growth 21 openings/year	Associate Degree Cardiovascular and Cardiopulmonary Technology 7, 23, 339
Dental Assistants help dentists with patient care, office tasks, and lab duties.	CRS	Entry: \$2,366 Average: \$3,163 Experienced: \$3,562	10,042 Employed 2.0% growth 378 openings/year	1 to 2 Years Dental Assisting 6, 18, 21, 23, 29-35, 122, 139, 154, 175, 181, 182, 195, 196, 229, 275, 283, 294, 320, 321, 361, 384
Dental Hygienists clean teeth and teach clients how to prevent tooth decay and gum disease.	SRC	Entry: \$6,275 Average: \$7,580 Experienced: \$8,232	4,841 Employed 2.4% growth 215 openings/year	2 to 4 Years Dental Hygiene 5, 6, 9, 14-16, 18, 19, 23-25, 29, 31, 33, 43, 45
Dentists examine patients' teeth and mouth and correct dental problems.	IRS	Entry: \$9,168 Average: \$14,938 Experienced: \$17,824	3,196 Employed 1.8% growth 150 openings/year	Doctor of Dentistry/ License Dentistry 23, 24, 45
Dietetic Technicians help dietitians provide nutrition care.	SIR	Entry: \$1,673 Average: \$2,434 Experienced: \$2,815	636 Employed 1.8% growth 26 openings/year	Associate Degree Food, Nutrition, and Wellness Studies 20, 29, 243, 304
Dietitians plan diets for patients and educate people about eating healthy foods.	ISE	Entry: \$3,796 Average: \$4,879 Experienced: \$5,420	1,215 Employed 1.9% growth 63 openings/year	Bachelor's Degree Dietetics 36, 45, 48, 55, 84, 243
Emergency Medical Technicians & Paramedics give emergency care to ill or injured people.	SIR	Entry: \$1,693 Average: \$3,517 Experienced: \$4,430	2,945 Employed 1.9% growth 113 openings/year	1 to 2 Years/Certification Emergency Medical Care 5, 6, 8, 13, 16, 17, 20, 21, 23, 25, 27, 33, 36, 45, 169, 170, 225, 272, 296, 333
Fitness Trainers & Aerobics Instructors help people get in shape. They teach aerobics classes or set up individual training programs.	SRE	Entry: \$1,765 Average: \$3,143 Experienced: \$3,831	7,718 Employed 1.5% growth 266 openings/year	1 to 2 Years Fitness Instruction 1, 4-6, 11, 16, 20, 24, 31, 33, 36, 55, 84, 91, 97, 148, 171, 234, 261, 274, 318, 319, 329, 343, 344, 399, 411, 421

Health Science

Occupational Description	Interest Rating	Monthly Wages	Outlook	Education (Most common training. Training requirements may vary.)
Health Information Technicians collect, code, and maintain medical information about patients.	CES	Entry: \$2,186 Average: \$3,089 Experienced: \$3,539	4,457 Employed 2.0% growth 178 openings/year	Associate Degree Health Records Technology 1, 5-7, 11, 19, 23, 25, 45, 62, 63
Home Health Aides care for elderly, recovering, or patients with disabilities, in their own homes.	SRC	Entry: \$1,692 Average: \$1,941 Experienced: \$2,064	12,937 Employed 4.0% growth 678 openings/year	On-the-Job Training Health Aide 7, 10, 12, 32, 170, 222
Licensed Practical Nurses (LPNs) care for people who are sick, injured, or have disabilities.	SRI	Entry: \$3,056 Average: \$3,734 Experienced: \$4,072	10,136 Employed 1.8% growth 511 openings/year	1 to 2 Years/License Licensed Practical Nursing 2, 6-10, 12-14, 20-23, 26, 27, 29-34, 72
Massage Therapists use their hands and arms to provide treatment to the body.	SRI	Entry: \$2,945 Average: \$4,434 Experienced: \$5,177	6,317 Employed 2.8% growth 262 openings/year	1 Year/License Massage Therapy 15, 28, 32-34, 110, 112, 117, 118, 122, 132, 136, 146-148, 177, 183, 195, 197, 228, 231, 257, 277, 284, 285, 295, 298, 299, 322, 330, 340, 346, 358, 360, 376, 377, 385, 404, 420
Medical Equipment Preparers clean and sterilize surgical instruments and medical equipment. They prepare instruments and equipment for use.	RCI	Entry: \$2,130 Average: \$2,794 Experienced: \$3,125	1,773 Employed 2.0% growth 54 openings/year	On-the-Job Training
Medical Laboratory Technicians conduct tests to help detect, diagnose, and treat diseases.	RIC	Entry: \$2,432 Average: \$3,234 Experienced: \$3,637	2,671 Employed 2.6% growth 118 openings/year	Associate Degree Medical Laboratory Assisting 1, 7, 23, 32, 35, 72
Medical Sonographers use ultrasound equipment to examine and test areas of a patient's body.	ISR	Entry: \$5,429 Average: \$6,472 Experienced: \$6,994	1,215 Employed 2.3% growth 44 openings/year	Associate Degree Ultrasound and Sonography Technology 1, 6, 14, 23, 25, 85
Nursing Assistants give personal care to patients in hospitals and nursing homes. They work under the direction of nurses and doctors.	SRC	Entry: \$1,822 Average: \$2,295 Experienced: \$2,534	22,318 Employed 2.0% growth 648 openings/year	1 to 2 Years Nursing Assisting 1, 2, 4, 6-14, 17-22, 26-28, 31-34, 121, 126, 127, 167, 170, 221-223, 225, 241, 242, 260, 272, 296, 302, 303, 305, 323, 327, 336, 354, 392

Health Science

Occupational Description	Interest Rating	Monthly Wages	Outlook	Education (Most common training. Training requirements may vary.)
Optometrists examine patients' eyes to diagnose vision problems.	ISR	Entry: \$6,692 Average: \$10,835 Experienced: \$12,908	626 Employed 2.7% growth 38 openings/year	Doctor of Optometry/ License Optometry 9
Pharmacists dispense drugs and provide information about their use.	ICS	Entry: \$7,322 Average: \$8,901 Experienced: \$9,688	5,912 Employed 0.8% growth 169 openings/year	Doctor of Pharmacy/ License Pharmacy 23, 24, 45, 48
Pharmacy Technicians help pharmacists provide medicines and other health care products to patients.	CRS	Entry: \$2,590 Average: \$3,084 Experienced: \$3,330	6,906 Employed 0.9% growth 214 openings/year	1 to 2 Years Pharmacy Technology 5, 7, 13, 20, 23, 29, 32, 34, 122, 195, 320, 321
Physical Therapists treat patients to relieve their pain and increase strength and mobility.	SIR	Entry: \$4,855 Average: \$6,197 Experienced: \$6,866	4,315 Employed 2.5% growth 160 openings/year	Master's Degree/License Physical Therapy 9, 11, 14, 16, 17, 19, 25, 43, 45, 84, 90, 91
Physician Assistants provide health care services under the supervision of doctors.	ISR	Entry: \$6,377 Average: \$8,315 Experienced: \$9,282	2,015 Employed 2.8% growth 93 openings/year	Bachelor's Degree/ License Physician Assisting 14, 17, 19, 45
Psychiatric Aides care for patients with mental disorders.	SRC	Entry: \$1,829 Average: \$2,338 Experienced: \$2,593	653 Employed 2.0% growth 19 openings/year	High School Diploma On-the-Job Training
Radiologic Technologists & X-Ray Technicians use special equipment to create images of internal organs, tissues, and bones.	R	Entry: \$3,763 Average: \$5,127 Experienced: \$5,810	4,274 Employed 2.3% growth 153 openings/year	Associate Degree Medical Imaging Technology 1, 5, 6, 15, 23, 25, 27, 29, 31, 122, 321
Registered Nurses care for patients who are ill or injured.	SIC	Entry: \$4,515 Average: \$6,091 Experienced: \$6,880	54,562 Employed 2.7% growth 2,357 openings/year	2 to 4 Years/License Registered Nursing 1, 2, 4-6, 8, 9, 11-15, 17-29, 31-34, 43, 45-47, 48-51, 71, 78-80, 84, 85, 89, 91, 94
Respiratory Therapists evaluate, treat, and care for patients with breathing disorders.	SIR	Entry: \$4,117 Average: \$5,060 Experienced: \$5,531	1,615 Employed 3.1% growth 80 openings/year	Associate Degree Respiratory Therapy 11, 14, 18, 23, 25, 175, 320
Veterinarians treat animal health problems. They work to prevent, control, and cure animal diseases.	IRS	Entry: \$4,408 Average: \$6,781 Experienced: \$7,966	1,515 Employed 3.1% growth 76 openings/year	6 or More Years/License Veterinary Medicine 24, 48
Veterinary Technologists & Technicians perform various animal health care duties to help veterinarians.	RIC	Entry: \$2,025 Average: \$2,600 Experienced: \$2,888	1,693 Employed 3.1% growth 94 openings/year	Associate Degree Veterinary Technology 16, 29, 31, 34, 122, 320, 321

Hospitality & Tourism



Occupational Description	Interest Rating	Monthly Wages	Outlook	Education (Most common training. Training requirements may vary.)
Bakers mix and bake ingredients to produce breads, pastries, and other baked goods.	RCE	Entry: \$1,836 Average: \$2,567 Experienced: \$2,933	3,794 Employed 1.0% decrease 54 openings/year	1 to 2 Years Culinary Arts 5-7, 14, 18, 20-23, 26, 30-34, 124, 199, 236, 246, 247
Bartenders prepare and serve drinks to customers in bars and restaurants.	ECR	Entry: \$1,676 Average: \$2,340 Experienced: \$2,671	11,857 Employed 0.5% growth 468 openings/year	High School Diploma Bartending 6, 99, 133, 134
Casino Gaming Workers exchange money, monitor activities, or conduct games such as poker or keno	CER	Entry: \$1,607 Average: \$2,276 Experienced: \$2,815	6,892 Employed 0.3% growth 412 openings/year	On-the-Job Training Gaming Programs 8, 103, 287, 325, 350, 367, 393, 396
Chefs & Dinner Cooks measure, mix, and cook food according to recipes.	ERA	Entry: \$1,759 Average: \$2,442 Experienced: \$4,108	33,808 Employed 0.9% growth 1,217 openings/year	1 to 2 Years Culinary Arts 5-7, 14, 18, 20-23, 26, 30-34, 124, 199, 236, 246, 247
Fast Food Cooks prepare food for customers at fast food restaurants.	RCE	Entry: \$1,607 Average: \$1,713 Experienced: \$1,768	6,056 Employed 0.0% growth 175 openings/year	On-the-Job Training
Hotel & Motel Managers make sure guests receive good service.	ECS	Entry: \$4,203 Average: \$5,843 Experienced: \$6,663	1,124 Employed 0.7% growth 31 openings/year	Associate Degree Hospitality Management 5, 7, 11, 20, 22, 23, 28, 36, 48, 236
Hotel Desk Clerks perform a variety of services for hotel guests.	CES	Entry: \$1,610 Average: \$1,891 Experienced: \$2,030	5,502 Employed 1.0% growth 272 openings/year	On-the-Job Training
Janitors keep buildings clean and in good condition.	RCE	Entry: \$1,728 Average: \$2,342 Experienced: \$2,649	44,620 Employed 1.0% growth 1,276 openings/year	On-the-Job Training
Maids and Housekeepers clean rooms at hotels, motels, and hospitals.	RCS	Entry: \$1,605 Average: \$1,934 Experienced: \$2,101	39,167 Employed 0.9% growth 1,031 openings/year	On-the-Job Training
Professional Athletes compete in athletic events as members of a team or as individuals.	RES	No wage information available.	172 Employed 0.2% growth 4 openings/year	Varies

Hospitality & Tourism

Occupational Description	Interest Rating	Monthly Wages	Outlook	Education (Most common training. Training requirements may vary.)
Recreation Guides organize and conduct hunting, fishing, rafting, or similar trips in scenic and wilderness areas.	ECS	Entry: \$2,226 Average: \$2,699 Experienced: \$2,938	92 Employed 0.4% growth 4 openings/year	On-the-Job Training Recreation, Fitness, and Leisure Studies 1, 6, 8, 26, 27, 36, 43, 84, 91, 109, 274, 412
Restaurant Hosts & Hostesses greet customers and escort them to tables.	ES	Entry: \$1,593 Average: \$1,759 Experienced: \$1,841	7,172 Employed 0.6% growth 810 openings/year	On-the-Job Training Food Service 5-7, 14, 22, 30, 32
Restaurant Managers plan and direct the activities of places that serve food and beverages.	ECR	Entry: \$3,101 Average: \$5,425 Experienced: \$6,587	4,346 Employed 0.4% growth 93 openings/year	High School Diploma Restaurant and Food Services Management 5, 15, 23, 32, 36, 48, 124
Tour Guides develop and oversee activities for groups of tourists or visitors.	SEA	Entry: \$1,612 Average: \$2,252 Experienced: \$2,572	660 Employed 0.2% growth 26 openings/year	On-the-Job Training
Travel Agents plan trips and make travel arrangements for their clients.	ECS	Entry: \$2,182 Average: \$3,311 Experienced: \$3,877	2,543 Employed 1.3% growth 54 openings/year	6 to 12 Weeks Travel Services Management 7, 36, 236
Umpires & Referees observe players and regulate the play of sports events.	ERC	No wage information available.	491 Employed 0.2% growth 10 openings/year	On-the-Job Training
Waiters & Waitresses serve food in restaurants and other dining establishments.	SEC	Entry: \$1,707 Average: \$2,411 Experienced: \$2,765	44,727 Employed 0.6% growth 2,917 openings/year	On-the-Job Training Food Service 5-7, 14, 22, 30, 32

Human Services



Occupational Description	Interest Rating	Monthly Wages	Outlook	Education (Most common training. Training requirements may vary.)
Addictions Counselors help people overcome alcohol, drug, gambling, and other dependencies.	SAI	Entry: \$2,186 Average: \$3,110 Experienced: \$3,571	2,129 Employed 2.5% growth 96 openings/year	Associate Degree Addiction Counseling 1, 5-7, 11, 12, 14-16, 18, 20, 24, 27, 29, 32, 43
Child Care Workers supervise, care for, and teach children in day-care programs.	SAC	Entry: \$1,595 Average: \$1,900 Experienced: \$2,051	36,979 Employed 1.1% growth 1,590 openings/year	High School Diploma Child Care Assisting 1, 2, 4-6, 8, 10-15, 19, 20, 24, 26-28, 30-32, 34
Clergy provide spiritual leadership.	SEA	Entry: \$2,860 Average: \$4,453 Experienced: \$5,249	2,818 Employed 0.4% growth 59 openings/year	4 to 6 Years Ministry 78, 85, 94
Funeral Attendants assist mourners and funeral directors during wakes and funerals.	S	No wage information available.	83 Employed 0.0% growth 3 openings/year	On-the-Job Training
Hairstylists & Cosmetologists wash, cut, color, perm, and style customers' hair, and apply makeup.	AES	Entry: \$1,723 Average: \$2,758 Experienced: \$3,273	16,723 Employed 0.2% growth 252 openings/year	9 Months to 2 Years/License Cosmetology and Hair Design 8, 14, 23, 26, 30, 33, 35, 95, 101, 102, 105, 107, 120, 137, 140, 142-145, 149, 155, 157-160, 165, 179, 180, 197, 198, 201, 204-207, 211, 215, 217, 218, 220, 224, 232, 248, 251-255, 258, 270, 291, 292, 311, 313, 324, 328, 334, 342, 355, 356, 364-366, 373-375, 380, 381, 394, 398, 400-402, 419
Interpreters & Translators convert spoken or written words from one language into another.	ASC	Entry: \$2,903 Average: \$3,923 Experienced: \$4,432	1,359 Employed 1.6% growth 55 openings/year	2 to 4 Years Educational programs vary depending on specialty.
Laundry & Dry Cleaning Workers receive, clean, and press clothing and other articles.	RCE	Entry: \$1,609 Average: \$2,030 Experienced: \$2,238	3,034 Employed 0.6% growth 67 openings/year	On-the-Job Training
Manicurists clean, shape, and polish clients' nails.	RES	Entry: \$1,586 Average: \$2,073 Experienced: \$2,316	1,738 Employed 0.0% growth 22 openings/year	3 Months to 1 Year/ License Cosmetology See Hairstylist for programs
Marriage and Family Therapists help individuals, couples, and families overcome emotional problems.	SAI	Entry: \$2,822 Average: \$3,564 Experienced: \$3,936	310 Employed 2.2% growth 13 openings/year	Master's Degree/License Marriage and Family Counseling 53, 56, 57, 71, 78, 80, 84

Human Services

Occupational Description	Interest Rating	Monthly Wages	Outlook	Education (Most common training. Training requirements may vary.)
Mental Health Counselors help people manage or overcome a range of mental illnesses and emotional problems.	SIA	Entry: \$2,735 Average: \$3,727 Experienced: \$4,224	4,236 Employed 1.8% growth 161 openings/year	Master's Degree/License Mental Health Counseling 16, 36, 43, 50, 52, 53, 55, 71, 78, 84, 85, 90, 130, 138
Psychologists counsel people who have life or emotional problems. They also study human behavior and mental processes.	I	Entry: \$4,422 Average: \$5,942 Experienced: \$6,703	3,178 Employed 2.5% growth 144 openings/year	Master's or Doctoral Degree/License Clinical Psychology 43, 45, 48, 53, 54, 79, 84, 92
Recreation Workers organize and lead leisure activities.	SEA	Entry: \$1,633 Average: \$2,272 Experienced: \$2,595	5,714 Employed 0.6% growth 141 openings/year	Associate Degree Recreation, Fitness, and Leisure Studies 1, 6, 8, 26, 27, 36, 43, 84, 91, 109, 274, 412
Rehabilitation Counselors help people manage mental and physical disabilities. They help patients live as independently as possible.	SIA	Entry: \$2,181 Average: \$3,356 Experienced: \$3,945	7,817 Employed 1.2% growth 244 openings/year	Master's Degree Rehabilitation Counseling 45, 52
Residential Counselors care for the people who live in their building. They may also maintain the building.	SEC	Entry: \$1,917 Average: \$2,598 Experienced: \$2,936	480 Employed 0.9% growth 22 openings/year	1 to 4 Years Social Work 7, 11, 14, 18, 25, 43-45, 47, 71, 72, 80, 82, 85, 91
School Counselors help students learn about career and educational choices. They counsel students about personal problems.	SAE	Entry: \$3,503 Average: \$4,694 Experienced: \$5,290	5,388 Employed 0.9% growth 149 openings/year	Master's Degree School Counseling 36, 43, 52, 58, 71, 72, 82, 84, 85, 90, 94
Social & Community Service Managers plan and direct social service programs.	ESC	Entry: \$3,846 Average: \$5,814 Experienced: \$6,798	2,919 Employed 1.2% growth 98 openings/year	Bachelor's Degree Social Work 7, 11, 14, 18, 25, 43-45, 47, 71, 72, 80, 82, 85, 91
Social & Human Service Assistants help clients get social services.	CSE	Entry: \$1,803 Average: \$2,480 Experienced: \$2,817	8,149 Employed 1.9% growth 330 openings/year	Associate Degree Human Services 6, 7, 9-11, 16, 14, 18, 20, 23, 25, 32, 33, 36, 39, 43, 45, 46, 52, 59, 60, 79, 82, 89, 243
Social Workers help people solve social, financial, and health problems.	S	Entry: \$2,378 Average: \$3,548 Experienced: \$5,115	8,014 Employed 1.8% growth 344 openings/year	4 to 6 Years Social Work 7, 11, 14, 18, 25, 43-45, 47, 71, 72, 80, 82, 85, 91
Sociologists study human society and social behavior.	IAS	Entry: \$3,772 Average: \$4,893 Experienced: \$5,455	151 Employed 0.5% growth 3 openings/year	Master's Degree Sociology 2, 4, 7, 10, 12, 14, 16, 17, 20, 22-27, 29, 36, 43-45, 48, 51, 52, 59, 60, 71, 80, 82, 84, 85, 90, 91, 93, 94

Information Technology



Occupational Description	Interest Rating	Monthly Wages	Outlook	Education (Most common training. Training requirements may vary.)
Computer & Information Systems Managers direct the work of computer-related workers.	ECI	Entry: \$7,074 Average: \$10,620 Experienced: \$12,395	9,260 Employed 0.9% growth 203 openings/year	4 to 6 Years Management Information Systems 1, 11, 37, 38, 43, 45, 46, 48, 50-52, 58, 59, 62, 63, 71, 79, 82, 84, 89, 91, 161-163, 193, 278
Computer Engineers design and test computer hardware and software.	I	Entry: \$5,746 Average: \$8,330 Experienced: \$10,260	44,980 Employed 1.3% growth 1,088 openings/year	Bachelor's Degree Computer Engineering 1, 5, 7, 8, 10, 12, 19, 22, 25, 36, 43, 45, 47, 48, 64, 71, 80, 84, 85, 91
Computer Network & Data Communications Analysts design, test, and evaluate network systems.	ICR	Entry: \$4,576 Average: \$6,971 Experienced: \$8,169	11,882 Employed 2.9% growth 563 openings/year	Associate Degree Computer Systems Networking and Administration 1-3, 5-7, 10-18, 20-36, 62, 63, 73-75, 89, 94, 126, 127, 161-163, 214, 235, 276, 278, 316, 379
Computer Operators load, run, and monitor computer systems.	CRI	Entry: \$2,342 Average: \$3,541 Experienced: \$4,141	1,311 Employed 0.4% growth 23 openings/year	1 to 2 Years Computer Science 2-5, 7, 8, 10-16, 18-22, 24, 25, 27, 28, 32, 36, 43-45, 47, 48, 50-52, 58, 64, 71, 72, 79, 80, 82, 85, 90, 91, 94, 214, 278
Computer Programmers write and test the instructions that computers follow to perform tasks.	ICR	Entry: \$5,164 Average: \$7,635 Experienced: \$8,871	11,499 Employed 1.5% growth 391 openings/year	Bachelor's Degree Computer Programming 1-7, 11, 12, 14, 18, 21, 23, 26, 30, 32-34, 43, 46, 47, 52, 62-64, 73-75, 85, 89, 91, 278, 379
Computer Security Specialists set up plans to protect companies' information and technology from outsiders.	CIR	Entry: \$4,611 Average: \$6,264 Experienced: \$7,091	11,934 Employed 1.3% growth 347 openings/year	Bachelor's Degree Computer Science 2-5, 7, 8, 10-16, 18-22, 24, 25, 27, 28, 32, 36, 43-45, 47, 48, 50-52, 58, 64, 71, 72, 79, 80, 82, 85, 90, 91, 94, 214, 278
Computer Support Specialists help people solve problems with their computer hardware and software.	R	Entry: \$2,811 Average: \$4,172 Experienced: \$4,853	12,925 Employed 1.1% growth 501 openings/year	Associate Degree Computer Installation and Repair 10, 20, 30, 63, 214, 233, 235, 276, 278, 316

Information Technology

Occupational Description	Interest Rating	Monthly Wages	Outlook	Education (Most common training. Training requirements may vary.)
Computer Systems Administrators design, install, and support an organization's computer system.	IRC	Entry: \$4,611 Average: \$6,264 Experienced: \$7,091	11,934 Employed 1.3% growth 347 openings/year	Bachelor's Degree Computer Systems Networking and Administration 1-3, 5-7, 10-18, 20-36, 62, 63, 73-75, 89, 94, 126, 127, 161- 163, 214, 235, 276, 278, 316, 379
Computer Systems Analysts improve existing computer systems. They also plan and develop new systems.	CIR	Entry: \$4,994 Average: \$7,058 Experienced: \$8,091	14,194 Employed 1.1% growth 452 openings/year	Bachelor's Degree Computer Systems Analysis 7, 11, 43, 52, 62, 63, 75, 89, 91, 278, 379
Database Administrators create and maintain computer database systems.	CIE	Entry: \$4,446 Average: \$6,651 Experienced: \$7,755	2,626 Employed 0.3% growth 46 openings/year	Bachelor's Degree Database Administration 1, 3, 5-8, 11, 14, 18, 20, 21, 30, 32, 36, 43, 62, 63, 161-163, 278, 379
Desktop Publishers format type and graphic elements using computer software to produce publication-ready material.	AIC	Entry: \$2,517 Average: \$3,437 Experienced: \$3,898	557 Employed 2.2% decrease 0 openings/year	1 to 2 Years Desktop Publishing and Digital Imaging 1, 5, 8, 11, 14, 15, 18, 32, 33, 43, 85, 91, 104, 278, 316
Web Specialists design, operate, and maintain websites on the Internet and private networks called intranets.	CIR	No wage information available.	No outlook information available.	Associate or Bachelor's Degree Web Page and Multimedia Design 1-8, 11, 12, 14, 15, 18-24, 26, 28, 30-33, 36, 43, 45, 62, 63, 73-75, 77, 89, 91, 104, 124, 126, 127, 161-163, 278

Law, Public Safety, Corrections, & Security



Occupational Description	Interest Rating	Monthly Wages	Outlook	Education (Most common training. Training requirements may vary.)
Bailiffs enforce the rules of behavior in courtrooms.	R	Entry: \$2,598 Average: \$3,607 Experienced: \$4,110	227 Employed 0.1% growth 5 openings/year	High School Diploma Criminal Justice 1, 2, 4, 6, 8-12, 14-16, 19, 20, 23, 25-29, 36, 38, 39, 42, 43, 48, 49, 51, 54, 56, 59, 60, 62, 63, 71-75, 79, 82, 85, 89, 161, 162, 243
Corrections Officers keep order and enforce rules in jails and prisons.	REC	Entry: \$3,371 Average: \$3,978 Experienced: \$4,281	8,219 Employed 0.0% growth 169 openings/year	1 to 2 Years Corrections 4, 10, 15, 16, 23, 25, 26, 29, 36, 38, 42
Detectives & Investigators gather facts and evidence for criminal cases.	EI	Entry: \$5,015 Average: \$6,441 Experienced: \$7,153	1,695 Employed 0.3% growth 32 openings/year	Associate Degree Criminal Justice 1, 2, 4, 6, 8-12, 14-16, 19, 20, 23, 25-29, 36, 38, 39, 42, 43, 48, 49, 51, 54, 56, 59, 60, 62, 63, 71-75, 79, 82, 85, 89, 161, 162, 243
Emergency Management Specialists plan and coordinate plans to respond to natural, wartime, and technological disasters.	SE	Entry: \$3,728 Average: \$5,176 Experienced: \$5,902	434 Employed 0.9% growth 13 openings/year	Bachelor's Degree Public Administration 7, 14, 16, 25, 36, 43-46, 51, 52, 62, 63, 71, 72, 85, 89
Fire Fighters put out fires and rescue people who are in danger.	RSE	Entry: \$3,526 Average: \$5,311 Experienced: \$6,205	9,611 Employed 0.3% growth 308 openings/year	1 to 2 Years Fire Science and Firefighting 1, 2, 6-8, 10, 12, 14, 21, 23, 26, 243
Fire Investigators determine the origin and causes of fires.	IRC	Entry: \$4,980 Average: \$6,464 Experienced: \$7,207	222 Employed 0.1% growth 6 openings/year	1 to 2 Years Fire Science and Firefighting 1, 2, 6-8, 10, 12, 14, 21, 23, 26, 243
Judges & Hearing Officers review cases and make decisions about them based on the law.	E	Entry: \$5,675 Average: \$8,387 Experienced: \$10,627	1,360 Employed 0.1% growth 24 openings/year	7 or More Years Law 23, 24, 43, 45, 71, 85, 243
Law Clerks research, write, and read legal arguments. They summarize information for lawyers or judges.	CIE	Entry: \$3,023 Average: \$4,484 Experienced: \$5,214	482 Employed 0.3% growth 8 openings/year	5 or More Years Law 23, 24, 43, 45, 71, 85, 243
Law Enforcement Officers keep order in their communities and make sure people follow laws.	REC	Entry: \$4,371 Average: \$5,453 Experienced: \$6,044	9,240 Employed 0.1% growth 233 openings/year	1 to 2 Years Law Enforcement and Police Science 1, 2, 4, 8, 10, 12, 14, 16, 20, 25, 26, 29, 36-38, 42, 71, 72

Law, Public Safety, Corrections, & Security

Occupational Description	Interest Rating	Monthly Wages	Outlook	Education (Most common training. Training requirements may vary.)
Lawyers advise clients of their legal rights and suggest a course of action.	EIA	Entry: \$5,172 Average: \$9,464 Experienced: \$11,608	14,844 Employed 1.0% growth 410 openings/year	7 or More Years Law 23, 24, 43, 45, 71, 85, 243
Life Guards & Ski Patrollers monitor recreational areas, such as lakes and ski runs. They rescue people and provide first aid when needed.	RSE	Entry: \$1,595 Average: \$1,834 Experienced: \$1,955	2,543 Employed 0.2% growth 281 openings/year	On-the-Job Training Emergency Medical Care 5, 6, 8, 13, 16, 17, 20, 21, 23, 25, 27, 33, 36, 45, 169, 170, 225, 272, 296, 333
Paralegals research and investigate facts for lawyers.	CIE	Entry: \$2,766 Average: \$4,082 Experienced: \$4,739	6,687 Employed 1.7% growth 183 openings/year	1 to 2 Years Paralegal Studies 7, 11, 20, 21, 23, 28, 37, 38, 42, 73-75, 161-163, 195, 316
Police & Detective Supervisors manage police departments and the officers and detectives who work there.	ESC	Entry: \$5,904 Average: \$7,278 Experienced: \$7,965	1,999 Employed 0.2% growth 85 openings/year	3 to 4 Years Criminal Justice 1, 2, 4, 6, 8-12, 14-16, 19, 20, 23, 25-29, 36, 38, 39, 42, 43, 48, 49, 51, 54, 56, 59, 60, 62, 63, 71-75, 79, 82, 85, 89, 161, 162, 243
Private Detectives & Investigators assist lawyers, businesses, and the public with a variety of cases.	ECR	Entry: \$2,981 Average: \$4,635 Experienced: \$5,460	506 Employed 1.7% growth 17 openings/year	Bachelor's Degree Criminal Justice See Police & Detective Supervisors
Probation Officers help legal offenders adjust to life in the community.	SEC	Entry: \$3,631 Average: \$4,524 Experienced: \$4,971	2,932 Employed 0.1% growth 60 openings/year	Bachelor's Degree Criminal Justice 1, 2, 4, 6, 8-12, 14-16, 19, 20, 23, 25-29, 36, 38, 39, 42, 43, 48, 49, 51, 54, 56, 59, 60, 62, 63, 71-75, 79, 82, 85, 89, 161, 162, 243
Security Guards protect property from illegal entry, vandalism, theft, and fire.	RCE	Entry: \$1,822 Average: \$2,987 Experienced: \$3,572	15,659 Employed 1.7% growth 600 openings/year	High School Diploma On-the-Job Training

Manufacturing



Occupational Description	Interest Rating	Monthly Wages	Outlook	Education (Most common training. Training requirements may vary.)
Airplane Assemblers fit and install aircraft skins, frames, controls, and other systems.	RCE	No wage information available.	8,913 Employed 0.6% decrease 131 openings/year	1 to 2 Years Aviation Maintenance Technology 2, 8, 22, 23, 32, 65-69, 359
Boilermakers build, install, and repair boilers. They also work on other large containers that hold liquids and gases.	R	Entry: \$3,104 Average: \$4,423 Experienced: \$5,084	371 Employed 1.6% decrease 3 openings/year	High School Diploma Apprenticeship Programs
Dental Laboratory Technicians make and repair dentures, crowns, and bridges.	RIC	Entry: \$2,274 Average: \$3,434 Experienced: \$4,014	1,139 Employed 0.2% decrease 19 openings/year	1 to 2 Years Dental Laboratory Technology 30
Forklift Operators use tractors to lift and move heavy loads of materials.	RCI	Entry: \$2,090 Average: \$3,100 Experienced: \$3,605	14,193 Employed 0.3% decrease 378 openings/year	On-the-Job Training
Industrial Designers develop a wide variety of manufactured products.	AER	Entry: \$3,290 Average: \$5,200 Experienced: \$6,153	1,270 Employed 0.2% growth 41 openings/year	Bachelor's Degree Industrial Design 45, 52, 91, 124
Industrial Electronics Repairers install, maintain, and fix complex electronic equipment.	RIC	Entry: \$3,943 Average: \$5,314 Experienced: \$5,999	1,860 Employed 0.8% decrease 13 openings/year	1 to 2 Years Electrical and Electronics Equipment Installation and Repair 2, 4, 6-8, 13, 14, 20, 23, 26, 27, 30-34, 316
Industrial Production Managers coordinate resources and activities to produce millions of products every year.	ECS	Entry: \$5,399 Average: \$8,748 Experienced: \$10,421	2,532 Employed 1.3% decrease 53 openings/year	Bachelor's Degree Operations Management 1, 5, 7, 43, 46, 52, 58, 62, 63, 73-75, 80
Locksmiths install and repair locks and safes.	RCE	Entry: \$1,959 Average: \$3,184 Experienced: \$3,798	517 Employed 2.5% growth 21 openings/year	On-the-Job Training
Machinists use machine tools to produce precision metal parts.	RCI	Entry: \$2,697 Average: \$3,997 Experienced: \$4,647	5,822 Employed 1.3% decrease 0 openings/year	1 to 2 Years Machine Shop Technology Apprenticeship Programs 2, 5, 6, 8, 10, 12, 19, 23, 26, 30, 31-34, 316
Material Moving Machine Operators use machines to move earth, mining products, and other heavy loads.	R	Entry: \$1,862 Average: \$3,760 Experienced: \$4,748	1,795 Employed 0.3% decrease 41 openings/year	High School Diploma Heavy Equipment Operations 176, 406, 424, 428, 433, 435

Manufacturing

Occupational Description	Interest Rating	Monthly Wages	Outlook	Education (Most common training. Training requirements may vary.)
Ophthalmic Laboratory Technicians make lenses for eyeglasses and equipment such as telescopes.	RCI	Entry: \$2,000 Average: \$2,938 Experienced: \$3,408	571 Employed 0.4% growth 13 openings/year	1 to 2 Years Ophthalmic Laboratory Technology 23, 34
Photograph Processing Workers develop film and make prints or slides.	R	Entry: \$1,739 Average: \$2,529 Experienced: \$3,058	1,092 Employed 0.3% growth 35 openings/year	On-the-Job Training
Quality Control Inspectors examine products to make sure they meet standards.	CRI	Entry: \$2,142 Average: \$3,716 Experienced: \$4,501	8,200 Employed 0.8% decrease 74 openings/year	On-the-Job Training Quality Control Technology 43, 359
Vehicle Painters prepare and paint cars, trucks, airplanes, farm equipment, and other vehicles.	R	Entry: \$2,683 Average: \$3,813 Experienced: \$4,378	1,709 Employed 0.7% decrease 31 openings/year	On-the-Job Training Auto Body Repair 6, 10, 22, 23, 26, 30-34
Welders & Solderers use heat to permanently join pieces of metal.	RCI	Entry: \$2,687 Average: \$3,633 Experienced: \$4,106	7,702 Employed 1.9% decrease 78 openings/year	1 to 2 Years Welding Technology Apprenticeship Programs 2, 4-6, 8-10, 12, 14, 15, 20-23, 26, 27, 30-34, 123, 185, 307, 308
Wind Turbine Technicians assemble, maintain, and repair wind turbines used in energy generation.	RIC	No wage information available.	No outlook information available.	High School Diploma Electrical and Electronics Equipment Installation and Repair 2, 4, 6-8, 13, 14, 20, 23, 26, 27, 30-34, 316
Woodworkers operate machines that cut, shape, assemble, and finish raw wood products to make wood components of homes or home furniture and accessories.	RCI	Entry: \$2,051 Average: \$2,742 Experienced: \$3,089	2,718 Employed 1.0% decrease 37 openings/year	On-the-Job Training Woodworking and Cabinetmaking 18, 30

Marketing, Sales, & Service

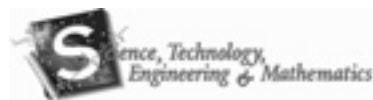


Occupational Description	Interest Rating	Monthly Wages	Outlook	Education (Most common training. Training requirements may vary.)
Advertising Managers plan and direct ads for businesses.	EAC	Entry: \$3,746 Average: \$7,842 Experienced: \$9,890	752 Employed 0.5% growth 21 openings/year	Bachelor's Degree Advertising 1, 48, 80, 347
Advertising Salespeople sell air time on radio and TV stations. They also sell page space in newspapers and magazines.	ECA	Entry: \$2,227 Average: \$4,326 Experienced: \$5,377	3,361 Employed 0.9% decrease 32 openings/year	Bachelor's Degree Advertising 1, 48, 80, 347
Automobile Electronics Installers & Repairers install, diagnose, or repair automobile entertainment, communications, security, and navigation systems.	RIC	Entry: \$1,978 Average: \$2,955 Experienced: \$3,444	469 Employed 0.8% growth 11 openings/year	1 to 2 Years Electrical and Electronics Equipment Installation and Repair 2, 4, 6-8, 13, 14, 20, 23, 26, 27, 30-34, 316
Buyers & Purchasing Agents try to buy the best products at the lowest possible prices	CE	Entry: \$2,626 Average: \$5,080 Experienced: \$6,087	11,989 Employed 0.0% growth 280 openings/year	Bachelor's Degree Buying and Merchandising 19, 84
Cashiers ring up sales and receive payments for merchandise.	CER	Entry: \$1,581 Average: \$1,973 Experienced: \$2,170	69,775 Employed 0.2% decrease 3,985 openings/year	On-the-Job Training
Coin & Vending Machine Repairers install, maintain, and repair coin machines.	RCI	Entry: \$2,156 Average: \$2,981 Experienced: \$3,394	1,182 Employed 0.0% growth 38 openings/year	On-the-Job Training
Computer, ATM, and Office Machine Repairers install, maintain, and fix automated teller machines and office equipment.	RCI	Entry: \$2,378 Average: \$3,285 Experienced: \$3,741	2,007 Employed 0.2% growth 34 openings/year	1 to 2 Years Computer Installation and Repair 10, 20, 30, 63, 233, 235, 276, 278, 316
Fashion Designers design clothes and accessories for manufacture and sale to the public.	AER	Entry: \$3,404 Average: \$5,928 Experienced: \$7,192	363 Employed 0.6% growth 13 openings/year	2 to 4 Years Fashion Design 18, 30, 48, 124, 279
Floral Designers cut and arrange live, dried, and artificial flowers and plants.	AER	Entry: \$1,737 Average: \$2,307 Experienced: \$2,590	1,964 Employed 0.5% decrease 48 openings/year	High School Diploma Floral Design 23
Interior Designers plan and design spaces and furnish interiors.	AE	Entry: \$3,039 Average: \$4,496 Experienced: \$5,224	1,438 Employed 0.3% growth 48 openings/year	Associate Degree Interior Design 1, 11, 24, 32, 48, 49, 61, 84, 124

Marketing, Sales, & Service

Occupational Description	Interest Rating	Monthly Wages	Outlook	Education (Most common training. Training requirements may vary.)
Merchandise Displayers plan and build displays in windows, retail stores, and at trade shows.	AER	Entry: \$1,875 Average: \$2,704 Experienced: \$3,118	1,493 Employed 0.3% growth 50 openings/year	On-the-Job Training
Motorcycle Mechanics maintain and repair motorcycles. They also work on all-terrain vehicles, motor scooters, and mopeds.	RCI	Entry: \$2,158 Average: \$3,004 Experienced: \$3,429	450 Employed 0.1% growth 9 openings/year	1 to 2 Years Motorcycle Repair 30, 33, 388-391, 416-418
Real Estate Agents help clients buy, sell, or lease land or property.	ECS	Entry: \$2,035 Average: \$4,137 Experienced: \$5,188	6,538 Employed 0.2% decrease 80 openings/year	30 to 90 Hours/License Real Estate 13, 16, 17, 45
Retail Salespeople help customers find items in stores. They try to convince customers to buy those items.	ECS	Entry: \$1,612 Average: \$2,253 Experienced: \$2,574	96,741 Employed 0.3% growth 3,181 openings/year	On-the-Job Training Retail Management 1, 4, 11-14, 16, 17, 19, 20, 24-26, 28-32, 36, 45, 72, 371
Sales Managers direct and coordinate the sales of goods and services for businesses	ECS	Entry: \$5,554 Average: \$10,204 Experienced: \$12,530	7,908 Employed 0.7% growth 226 openings/year	4 to 6 Years Marketing 1, 4, 5, 7, 9-11, 14, 16, 17, 19, 20, 22-26, 29, 30, 32, 33, 36, 43, 45-48, 51, 52, 58, 71, 72, 78-80, 82, 84, 85, 89, 91, 94, 202
Sales Representatives sell products to manufacturers, businesses, and many other types of clients.	CE	Entry: \$2,666 Average: \$7,100 Experienced: \$9,875	46,725 Employed 0.2% growth 1,058 openings/year	Varies Educational programs vary.

Science, Technology, Engineering, & Mathematics



Occupational Description	Interest Rating	Monthly Wages	Outlook	Education (Most common training. Training requirements may vary.)
Aerospace Engineers design, construct, and test parts for aircraft, spacecraft, and weapons.	IRA	Entry: \$5,649 Average: \$7,753 Experienced: \$8,805	6,916 Employed 0.8% decrease 73 openings/year	Bachelor's Degree Aeronautical and Aerospace Engineering Technology 7, 8, 15, 32
Archeologists study relics from the past to recreate cultures and history.	IRA	Entry: \$3,513 Average: \$5,295 Experienced: \$6,188	118 Employed 1.3% growth 7 openings/year	Master's Degree Archeology 36, 43, 45, 48, 52, 80
Biologists study plants, animals, and the environments they live in.	IR	Entry: \$2,921 Average: \$5,137 Experienced: \$6,098	828 Employed 1.4% growth 38 openings/year	Master's Degree Biological Sciences 1-5, 7-29, 36, 38, 43-46, 48, 50-52, 55, 71, 72, 78, 80, 82, 84, 85, 90, 91, 93, 94
Biomedical Engineers design new tools and devices to improve health care. They develop new ways to treat illness and disease.	IRC	Entry: \$4,236 Average: \$6,543 Experienced: \$7,698	421 Employed 4.6% growth 29 openings/year	Bachelor's Degree Biomedical Engineering 1, 4, 5, 7, 8, 10, 12, 19, 25, 45, 48, 91
Chemical Engineers solve problems that involve using or making chemicals.	IRC	Entry: \$5,547 Average: \$8,095 Experienced: \$9,369	576 Employed 0.5% growth 18 openings/year	Bachelor's Degree Chemical Engineering 1, 5, 7, 8, 10, 12, 19, 25, 45, 48, 80
Chemists search for new knowledge and use existing knowledge about chemicals.	IRC	Entry: \$3,897 Average: \$6,394 Experienced: \$7,644	1,560 Employed 1.1% growth 70 openings/year	Master's Degree Chemistry 1-5, 7-29, 36, 38, 43-45, 48, 50, 52, 71, 72, 80, 82, 84, 85, 90, 91, 93, 94
Civil Engineers plan and design roads, buildings, airports, tunnels, dams, bridges, and water systems. They may also supervise the construction.	RIC	Entry: \$4,995 Average: \$6,784 Experienced: \$7,679	14,326 Employed 1.3% growth 400 openings/year	Bachelor's Degree Civil Engineering 1, 4, 7, 10-12, 19, 26, 45, 48, 71, 82, 85, 91
Electrical & Electronics Engineers design, develop, test, and maintain electrical and electronic equipment.	IR	Entry: \$5,287 Average: \$7,560 Experienced: \$8,876	8,576 Employed 0.3% growth 205 openings/year	Bachelor's Degree Electrical, Electronics, and Communications Engineering 1, 4, 5, 7, 8, 10, 12, 19, 22, 25, 36, 37, 43, 45, 46, 48, 50, 51, 62, 63, 71, 84, 85, 91, 94
Engineering Technicians design, test, and assess products to improve them.	IR	Entry: \$3,205 Average: \$4,844 Experienced: \$5,919	9,402 Employed 0.5% decrease 166 openings/year	Associate Degree Engineering Technology 1, 6, 7, 12, 19, 22, 33, 36, 37, 43, 52, 79

Science, Technology, Engineering, & Mathematics

Occupational Description	Interest Rating	Monthly Wages	Outlook	Education (Most common training. Training requirements may vary.)
Environmental Engineers create solutions to environmental problems affecting the welfare of humans and nature.	IRC	Entry: \$5,099 Average: \$7,110 Experienced: \$8,117	1,464 Employed 1.0% growth 43 openings/year	Bachelor's Degree Environmental Engineering 22, 45, 48, 85
Environmental Scientists study problems in the natural worlds that affect the health of living things.	IRC	Entry: \$3,942 Average: \$5,793 Experienced: \$6,717	4,054 Employed 1.4% growth 172 openings/year	Bachelor's Degree Environmental Science 1, 3-5, 7, 10, 13, 16-22, 24, 25, 28, 32, 36, 43-48, 50-52, 72, 78, 85, 91
Forensic Science Technicians study physical evidence in order to solve crimes.	IRC	Entry: \$3,541 Average: \$4,521 Experienced: \$5,011	168 Employed 0.1% growth 8 openings/year	2 to 4 Years Forensic Science 2, 4, 6, 10, 43, 85
Geologists & Geophysicists study the earth's interior and exterior.	IR	Entry: \$4,200 Average: \$6,481 Experienced: \$7,710	1,577 Employed 1.5% growth 69 openings/year	Bachelor's Degree Geological and Earth Sciences 3, 5, 9-12, 14, 15, 23, 25, 26, 36, 43-45, 48, 80
Industrial Engineers design systems for producing goods.	I	Entry: \$5,061 Average: \$6,805 Experienced: \$7,675	5,160 Employed 0.0% growth 123 openings/year	Bachelor's Degree Industrial and Systems Engineering 1, 10, 12, 19, 25, 45, 71
Mechanical Engineers oversee the design, construction, and testing of mechanical products and systems.	IRC	Entry: \$5,174 Average: \$7,237 Experienced: \$8,268	6,402 Employed 0.1% decrease 149 openings/year	Bachelor's Degree Mechanical Engineering 1-4, 7, 8, 12, 19, 22, 29, 36, 45, 48, 50, 51, 71, 82, 84, 85, 91, 94
Medical Scientists conduct research to find causes of and treatments for disease.	I	Entry: \$3,612 Average: \$6,014 Experienced: \$7,181	4,846 Employed 1.5% growth 216 openings/year	Doctoral Degree Medicine 23, 24, 45
Natural Sciences Managers plan and direct the work of natural scientists.	EI	Entry: \$6,685 Average: \$9,989 Experienced: \$11,643	1,622 Employed 1.1% growth 59 openings/year	Master's Degree Educational programs vary depending on specialty.
Nuclear Engineers design and operate nuclear power plants. They also conduct research on nuclear energy.	IRC	Entry: \$5,749 Average: \$7,635 Experienced: \$8,578	1,039 Employed 0.9% growth 29 openings/year	Bachelor's Degree Nuclear Engineering 48
Renewable Energy Engineers develop, promote, and implement sustainable energy technologies.	IRE	No wage information available.	No outlook information available.	Bachelor's Degree Engineering 1-3, 5, 7, 9, 14-16, 18-21, 24, 25, 27-29, 45, 71, 79, 80, 82, 84, 90, 94
Science Technicians conduct tests and experiments to assist scientists.	I	Entry: \$2,146 Average: \$3,411 Experienced: \$4,486	6,403 Employed 1.5% growth 317 openings/year	2 to 4 Years Biological Sciences 1-5, 7-29, 36, 38, 43-46, 48, 50-52, 55, 71, 72, 78, 80, 82, 84, 85, 90, 91, 93, 94

Transportation, Distribution, & Logistics



Occupational Description	Interest Rating	Monthly Wages	Outlook	Education (Most common training. Training requirements may vary.)
Air Traffic Controllers coordinate air flights to make sure that pilots and passengers travel safely.	ECR	Entry: \$4,477 Average: \$8,531 Experienced: \$10,556	685 Employed 0.3% growth 25 openings/year	2 to 4 Years Air Traffic Control 10
Aircraft Mechanics service and repair aircraft and aircraft engines.	R	Entry: \$3,082 Average: \$4,410 Experienced: \$5,533	4,845 Employed 0.4% decrease 53 openings/year	2 to 4 Years Aviation Maintenance Technology 2, 8, 22, 23, 32, 65-69, 359
Airplane Pilots fly aircraft used to transport people and cargo.	R	No wage information available.	2,762 Employed 0.3% decrease 79 openings/year	2 to 4 Years Commercial Pilot and Flight Crew Training 2, 10, 14, 24, 32, 36, 91, 166, 208-210, 239, 263, 280, 314, 331, 357, 359
Ambulance Drivers drive ambulances to move patients who are sick, injured, or recovering.	RSE	Entry: \$1,896 Average: \$2,610 Experienced: \$2,967	363 Employed 0.5% growth 8 openings/year	High School Diploma Emergency Medical Care 5, 6, 8, 13, 16, 17, 20, 21, 23, 25, 27, 33, 36, 45, 169, 170, 225, 272, 296, 333
Auto Body Repairers fix or replace the damaged parts of vehicle bodies and frames.	R	Entry: \$2,609 Average: \$3,843 Experienced: \$4,460	2,893 Employed 0.1% decrease 72 openings/year	1 to 2 Years Auto Body Repair 6, 10, 22, 23, 26, 30-34
Automobile Mechanics inspect, maintain, and repair cars and light trucks.	R	Entry: \$2,155 Average: \$3,385 Experienced: \$4,001	15,267 Employed 0.2% growth 301 openings/year	6 Months to 2 Years Automotive Technology 2, 5, 6, 9, 10, 12, 14, 15, 19-23, 26, 27, 29-34, 91, 273, 316, 388-391, 416-418
Bus & Truck Mechanics maintain and repair diesel engines.	RCI	Entry: \$2,846 Average: \$3,971 Experienced: \$4,533	6,743 Employed 0.2% growth 143 openings/year	1 to 2 Years Diesel Technology Apprenticeship Programs 4-6, 9, 12, 20, 22, 23, 26, 30, 31, 33, 388-391, 416-418, 428, 435
Bus Drivers operate motor vehicles that move people from one place to another.	RSE	Entry: \$2,766 Average: \$3,715 Experienced: \$4,189	7,632 Employed 0.1% growth 120 openings/year	1 Year Truck and Bus Driving 2, 6, 9, 22, 23, 26, 30, 96, 111, 141, 164, 172, 186, 187, 213, 245, 282, 301, 306, 310, 315, 353, 363, 368-370, 372, 382, 383, 395, 407-410, 422, 433

Transportation, Distribution, & Logistics

Occupational Description	Interest Rating	Monthly Wages	Outlook	Education (Most common training. Training requirements may vary.)
Dispatchers coordinate the movement of workers and motor vehicles.	C	Entry: \$2,260 Average: \$3,669 Experienced: \$4,302	6,113 Employed 0.1% growth 114 openings/year	On-the-Job Training
Flight Attendants keep airline passengers safe and comfortable.	ESC	No wage information available.	2,249 Employed 0.9% decrease 27 openings/year	On-the-Job Training
Freight Handlers move material from one spot to another, such as into and out of trucks.	RCE	Entry: \$1,674 Average: \$2,281 Experienced: \$2,586	47,526 Employed 0.2% growth 1,706 openings/year	On-the-Job Training
Heavy Equipment Mechanics repair and maintain equipment such as graders, backhoes, and loading shovels.	RCI	Entry: \$3,552 Average: \$4,791 Experienced: \$5,410	3,433 Employed 0.5% decrease 36 openings/year	1 to 2 Years Diesel Technology Apprenticeship Programs 4-6, 9, 12, 20, 22, 23, 26, 30, 31, 33, 388-391, 416-418, 428, 435
Heavy Truck Drivers drive large trucks or tractor-trailers to transport goods and materials.	RCI	Entry: \$2,669 Average: \$3,559 Experienced: \$4,002	34,831 Employed 0.2% decrease 500 openings/year	1 Year Truck and Bus Driving 2, 6, 9, 22, 23, 26, 30, 96, 111, 141, 164, 172, 186, 187, 213, 245, 282, 301, 306, 310, 315, 353, 363, 368-370, 372, 382, 383, 395, 407-410, 422, 433
Storage & Transportation Managers direct the pickup, transport, and storage of goods.	ECR	Entry: \$5,167 Average: \$8,027 Experienced: \$9,459	2,689 Employed 0.0% growth 71 openings/year	1 to 4 Years Logistics and Materials Management 8, 19, 22-25, 36-38, 45, 48, 52, 66, 67, 69, 71, 85
Taxi Drivers & Chauffeurs transport passengers to and from their homes, workplaces, and other locations.	RES	Entry: \$1,593 Average: \$2,158 Experienced: \$2,442	5,591 Employed 0.7% growth 131 openings/year	On-the-Job Training
Transportation Inspectors enforce safety rules that protect people and cargo. They inspect equipment and services and investigate accidents.	R	Entry: \$3,149 Average: \$5,339 Experienced: \$6,434	868 Employed 0.2% growth 22 openings/year	High School Diploma

Index of Careers

Use this list of selected careers to explore different occupations and discover what they pay, whether they're in demand and what education they require. Simply pick a career, circle the page number and flip to that page to get the details. Need help? The chart on Page 16 explains how to use the guide. For a complete, searchable list of careers go to CareerBridge.wa.gov.

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Career Steps to Take in High School

If you're a high school or a middle school student, begin your career preparation now. This is a good time in your life to learn about jobs and career fields and about what you like and don't like. The more you learn about the working world, the easier it will be to know where you want to go.

Explore the work world with Career and Technical Education

Ever thought about welding or carpentry? Maybe you've considered becoming a nurse or pharmacist. Or maybe you like to work on computers...or bring products to market and sell them. The list of possible jobs is endless. Luckily, you can test-drive many of them while you're still in high school.

Career and Technical Education (CTE) classes blend academic subjects like math and writing with jobs you'd actually like to do! So while you're learning about right angles or how to write a report, you're also able to create a business plan or use a miter saw to build something. And if you like what you're learning, you can dig deeper into the subject and in many cases earn both high school and college credits through Tech Prep (see Page 54).

CTE Career Clusters

Find out which of the 16 CTE career clusters are available at your high school or middle school. (See pages 8-11.) Then sign up for one, and get connected to career exploration that paves the way to further education in community and technical colleges, four-year universities, apprenticeships and On-the-Job Training.

Find out more about what CTE has to offer at www.k12.wa.us/CareerTechEd.

Skills Centers: Dig deeper into the career of your choice

Skills Centers offer hands-on, specialized training in areas that range from culinary arts to robotics technology to nursing. Often students are able to earn industry certification and college credits through their coursework, adding value to their resume and education level at the same time. There are 13 Skills Centers in Washington, serving around 8,700 students from approximately 116 school districts.

Many students go to a Skills Center as part of their school day, immersing themselves in career-focused classes, while attending high school the rest of the time. See which Skills Center serves your school district at: www.washingtonskillscenters.org

Skills Centers

Clark County Skills Center—Vancouver

(360) 604-1050

New Market Skills Center—Tumwater

(360) 570-4500

North Central Technical Skills Center—Wenatchee

(509) 662-8827

North Olympic Peninsula Skills Center—Port Angeles

(360) 565-1533

Northwest Career and Technical Academy—Mount Vernon

(360) 561-5450

Pierce County Skills Center—Puyallup

(253) 683-6950

Puget Sound Skills Center—Burien

(206) 631-7300

Sno-Isle Technical Skills Center—Everett

(425) 348-2220

Spokane Skills Center—Spokane

(509) 354-7470

Tri-Tech Skills Center—Kennewick

(509) 222-7300

Washington Network for Innovative Careers—Redmond

(425) 702-3304

West Sound Technical Skills Center—Bremerton

(360) 473-0550

Yakima Valley Technical Skills Center—Yakima

(509) 573-5000

Tech Prep: You can be in two places at once

Tech Prep is a dual credit program that allows students to earn both high school and college credit in selected courses right in their own high school classrooms. It is part of a nationwide effort to help students identify careers that interest them, and then start building career skills—and a college transcript— while still in high school.

During the 2008-2009 school year, nearly 32,400 Washington high school students earned over 190,600 community and technical college credits through Tech Prep, giving them a jump start on a future career and a down payment on their college education.

Tech Prep courses are free to students and cover a wide range of career areas, including: agriculture, health care, engineering, marketing, information technology, veterinary science, TV production, automotive technology and many more.

Get connected to your local Tech Prep program at www.techprepwa.org.

Running Start: Earn college credits while you're in high school

Are you ready to move your education ahead at a faster pace? Then you might be ready for Running Start. This program allows juniors and seniors to attend community and technical colleges, as well as a handful of four-year universities, and earn credits that can be applied toward both high school graduation and college study. Some students who start Running Start as high school juniors are able to complete two years of college before they leave high school. Because the courses are free to students, they are able to save two years of college tuition and, in some cases, enter college as a junior.

Several four-year universities also enroll Running Start students. They are:

- Central Washington University
- Eastern Washington University
- The Evergreen State College
- Washington State University

Find out more at: www.k12.wa.us/runningstart.

Running Start for the Trades

This program is expanding opportunities for 11th and 12th grade students to enter state and federal apprenticeship programs. Students take courses that prepare them for full-time apprenticeships following graduation, or for a two-year college program that leads directly to an apprenticeship. For more information,

www.lni.wa.gov/TradesLicensing/Apprenticeship/Become/default.asp

Education and Training After High School

Whether it's a certificate or specific training that builds on your high school experience, the education you receive *after* high school will make a big difference in securing a career that grows with you and offers opportunities for higher pay.

To earn a living wage you need to get through high school—and get at least a certificate representing one or more years of specific learning or training after high school.

For some people, an associate's degree at a community or technical college or private career school paves the way to a rewarding career. For others, it's joining the military, where you learn valuable skills and see the world, or it's becoming an apprentice and joining a high-paying, hands-on trade. For still others, it's working toward a four-year liberal arts degree that expands your knowledge of the arts and world, or even a doctoral degree in medicine, dentistry, veterinary medicine or law.

The biggest question before you start down the path toward any profession is: Do you know what you want to do? Be sure you figure that out first, at the beginning of this guide, by assessing your interests and abilities, then deciding on a Career Cluster. You'll want to have an idea of what career field you're interested in, before you invest time and money in additional education and training. (Turn to pages 2-17 to complete Steps 1-4.)

Community and Technical Colleges

The state has 34 community and technical colleges. Whether you're pursuing an associate's degree to transfer to a university, or learning career-specific skills in fields like health care, accounting, automotive technology or green energy, chances are one of these colleges is near you. Find out more at www.checkoutacollege.com.

Learn how to fully explore your options using the guide's Career Search Tables on pages 17-49 or click on the searchable database at CareerBridge.wa.gov.

Four-Year Colleges and Universities

Washington is home to six public four-year colleges and universities offering a wide range of bachelor's degree programs—from English literature to business, microbiology to accounting. Several branch campuses are also located in different corners of the state. See www.hecb.wa.gov/links/colleges/collegesindex.asp

Private Career Schools

Private career schools provide another option for students pursuing additional education and training, particularly career-centered vocational skills. Whether it's commercial truck driving or information technology, culinary arts or dental assisting, private career schools offer a wide range of programs, certificate and degrees. Find out more at www.nwcareercolleges.org.

Independent Colleges and Universities

Independent colleges and universities provide another option for students pursuing a four-year degree. You can view several of these colleges at www.icwashington.org.

Graduate and Professional Degrees

All of Washington's public four-year institutions, and some independent institutions, offer graduate level courses leading to a master's degree. Typically, students must first earn a bachelor's degree before continuing with their education to earn an advanced degree in a specialized area. For example, some graduate students may earn a master's in business administration, or MBA. Others might continue their studies to earn a master's degree in English or history, or perhaps a master's in public administration or fine arts. The University of Washington and Washington State University also offer doctoral degrees (known as Phds) in addition to professional degrees—including medicine, dentistry, veterinary medicine and law.

Military Careers

The Armed Services offer men and women the opportunity to learn self-discipline, leadership and a wide range of technical skills and specialties that have application in civilian employment. All of the Armed Services provide their personnel with incentives for continuing their education both while in the military as well as after their service time.

For those choosing to attend college first, the Reserve Officer Training Corps scholarship provides financial assistance for tuition and fees, books, and living expenses. To learn more about these opportunities visit the sites listed below.

All of the Armed Services are interested in continuing education for their personnel. Members are eligible for programs such as the Montgomery GI Bill and tuition assistance. Individual services also may offer other educational incentives, such as a loan repayment program and college assistance funds.

For more information on ROTC, contact your ROTC Advisor at (253) 966-7183.

Or visit www.usmilitary.com

Washington National Guard Training and Benefits

The Washington National Guard is composed of over 8,500 citizen soldiers who serve both the state and the nation. Most of the men and women National Guard members have civilian occupations, as well as Guard careers.

While serving, Guard's men and women are paid and receive many benefits, such as insurance, post exchange privileges, and additional training.

The Washington National Guard also offers new members in selected units an enlistment bonus and the Montgomery GI Bill.

For more information on the Washington National Guard, call (253) 512-8000, and you will be connected to Washington National Guard recruiting personnel in Tacoma. You will then be referred to a local recruiter for further assistance. Or visit www.washingtonguard.org.

Job Corps Program

Job Corps helps young people by providing them with academic programs, technical training, social and employability skills, health care, counseling and more.

It is a national training and employment program administered by the U.S. Department of Labor.

Youth entering the program must be at least 16 and not yet 25 years of age, a U.S. citizen or legal resident, meet income guidelines, and be in need of additional education and training.

Youth live and learn at Job Corps sites throughout the state, while gaining job preparation skills, education and training, or satisfying entrance requirements for the military.

For more information, or to enroll, call 1-800-733-JOBS, or contact a Job Corps Outreach and Admissions office (see list).

More information on Armed Services careers:

U.S. Army

888-550-ARMY or
www.goarmy.com

U.S. Navy

800-USA-NAVY or
www.navy.mil

U.S. Air Force

800-423-USAF or
www.airforce.com

U.S. Marine Corps

800-MARINES or
www.marines.com

U.S. Coast Guard

877-NOW-USCG or
www.gocoastguard.com

Air National Guard

800-TO-GO-ANG or
www.ang.af.mil

Army National Guard

800-GO-GUARD or
www.1800goguard.com

Job Corps Information

Bellingham	(360) 738-9592
Curlew	(509) 779-0529
Everett	(425) 388-0166
Lakewood	(253) 722-1226
Moses Lake	(509) 765-0330
Olympia	(360) 754-7409
Renton	(206) 205-3634
Seattle	(206) 622-6593
Spokane	(509) 534-2269
Tacoma	(253) 573-6826
Vancouver	(360) 906-1613
White Swan	(509) 874-2244
Yakima	(509) 574-0100

Apprenticeships: Earn while you learn

Apprenticeships give you the chance to earn a paycheck while you learn a skilled profession in fields like construction, health care, culinary arts, and many others.

With apprenticeship, your classroom studies are combined with paid On-the-Job Training supervised by a trade professional. Much like a college education, it takes several years to become fully trained in an occupation. However, unlike college students, apprentices earn while they learn.

Apprentices receive wages that are tied to a progressively increasing scale—so with each step you take, you're able to earn more money. Once apprentices master an occupation, they receive the same wages as a professional.

Depending on the trade you train for, your paycheck can be considerable. For example, journey-level plumbers, pipefitters and steamfitters earned an average hourly wage of \$27.40 in Washington in 2009.

Apprentices are taught by experienced professionals. So there is a direct connection between what you learn, and what you do on the job. At least 144 hours of related classroom instruction is required each year during the course of a program. Programs must also provide a minimum of 2,000 hours paid On-the-Job Training, where apprentices have a chance to practice new skills while learning the occupation.

Who can be an apprentice?

Entrance requirements vary by trade. In general, apprentices must:

- Be 16 years or older, though hazardous occupations require you be at least 18. Over 80 percent of apprentices are over 21.
- Have access to reliable transportation.
- Be drug free.
- Commit to two to five years of paid On-the-Job Training and related classroom instruction (often done on the apprentice's own time).
- Be interested in a career, not just a job.

What kind of work do apprentices do?

While construction and building trades are perhaps the most well known apprenticeships, there are apprenticeships in health care, manufacturing, food preparation and public safety. Explore your options and learn more about apprenticeship at: www.exploreapprenticeship.wa.gov

What's available in your area?

Learn all about registered apprenticeship programs through the state Department of Labor & Industries website: www.lni.wa.gov/tradeslicensing/apprenticeship/

Get connected: Call your local L & I apprenticeship consultant

Everett Office: (425) 290-1321

Seattle Office: (206) 515-2842

Tukwila Office: (206) 835-1028

Tacoma Office: (253) 596-3930 or (360) 902-5324

Tumwater Office: (360) 902-5320

Longview Office: (360) 575-6927

Kennewick Office: (509) 735-0119

Spokane Office: (509) 324-2590

Credit for Prior Learning

The distance between you and a college degree may be shorter than you think. Sure, you'll need to earn a required number of credits in certain subject areas to gain a credential. But depending on your work history, military background and life experience, so called "non-traditional" or "alternative credits" may help you reach the finish line faster.

Here are a few ways to earn college credit for what you already know.

You'll typically have to pay a fee for credits gained through prior experience. You also should have a conversation with your college or university to determine the best approach to securing alternative credits.

College-Level Examination Program (CLEP) and Defense Activity for Non-Traditional Education Support Subjects Standardized Test (DANTES SST): Students may receive college credit by earning qualifying scores on more than 30 examinations. Credit may be from knowledge acquired through independent study, prior course work, On-the-Job Training, professional development, cultural pursuits, or internships.

--Limitations: Credits granted will apply to general education or major requirements when specified by the receiving institution's AP credit policies; otherwise, elective credit will be granted.

Course Challenge: Many colleges recognize that a student may already have gained competence in a particular area. Credit may be awarded for prior knowledge without formally taking a course in that area. Through a course challenge, a student may earn credit by taking the *equivalent* of the final exam for that course.

Military Credit and Experience: In programs where appropriate, credit may be awarded for armed service schools and training. The amount and type of credit is based upon the American Council of Education (ACE) Guide to the Evaluation of Educational Experiences in the Armed Services.

Servicemembers Opportunity Colleges (SOC) program: College partners are committed to specific principles and criteria to assist veterans and their families complete degrees in the most efficient manner. Currently, 24 community colleges and two technical colleges participate in the SOC program.

--Limitations: While credit may be granted, often the credit may only complete electives depending upon the academic pathway pursued.

Law Enforcement/Fire Protection Training: Credit may be awarded for courses taken from the Washington State Criminal Justice Training Commission and the Fire Protection Services Division of the Department of Community Development.

--Limitations: May fulfill elective credit only.

Prior Learning Assessment:

Credits may be earned for college-level knowledge gained through experiences that have not been given credit by other colleges. Most often, this knowledge comes from work experience. A detailed portfolio is typically required as part of this assessment.

--Limitations: Credit for prior experiential learning may not constitute more than 25 percent of the credits needed for an undergraduate degree or certificate, and other restrictions per accreditation standards.

Dual Credit Programs

Running Start: Eligible 11th and 12th graders may enroll in college and earn credits toward high school graduation, while also earning college credits. (See page 54.)

Tech Prep: A student may earn college credits in professional/technical fields for Tech Prep classes taken in high school. (See page 54.)

--Limitations: Vocational credit may not meet degree requirements for students pursuing traditional transfer degrees.

Paying for Your Education

Just as there are many career paths, there are many ways to pay for your education and training. In some cases, it may even be free. For example, if you pursue an apprenticeship path or military career your education expenses will either be covered or built into your salary, since these choices involve working and learning.

College and other types of advanced education and training aren't cheap. Still, it may be more affordable than you think. You may be eligible for grants and scholarships that pay for tuition, books and other supplies. Or you may qualify for low-interest loans that you pay back over time, get placed in a work study job or receive a substantial tax credit that makes the difference between dreaming about your education and actually getting your degree.

Start with FAFSA

The Free Application for Federal Student Aid (FAFSA) is the first step in the financial aid process. Use it to apply for federal student financial aid, such as the Pell Grant, student loans, and college work-study. In addition, most states and schools use FAFSA information to award their financial aid. Regardless of your income or family's income, the FAFSA is a good way to assess your ability to pay for college and receive financial aid.

The U.S. Department of Education, which processes the FAFSA, encourages you to pay close attention to deadlines. Your state or schools may have different deadlines and may require additional forms.

Check out www.fafsa.ed.gov.

Next, check with your high school guidance counselor, or financial aid administrator at your school, about state and school sources of student aid. The U.S. Department of Education also offers the following tips:

Apply Early!

State and school deadlines will vary and tend to be early. Check with them to find out their exact deadline dates. The U.S. Department of Education will process your FAFSA if it is received on or before the deadline.

Complete Your Tax Return!

You (and your parents if you are a dependent student) should complete your tax return before filling out your FAFSA. This will make completing the FAFSA easier. If you have not filed your tax return yet, you can still submit your FAFSA, but you must provide correct income and tax data once you have filed.

Save Time: File Electronically!

Complete and submit your FAFSA online. It is the fastest and most accurate way to apply for student aid.

Grants, scholarships help you take the next step

Grants and scholarships help you pay for your education without the hassle and worry of paying them back. Some are based on need, others on academic merit, ethnic background, and other factors.

- For a look at regional scholarship programs, view www.thewashboard.org.
- You can also view major Washington grants and scholarships at www.CareerBridge.wa.gov by clicking on the "Fund Your Training" tab.

Pell Grants

The federal government offers Pell Grants and other grants you'll want to explore. You may receive up to \$5,550 in Pell money in 2010-2011 depending on your income level and other factors.

www2.ed.gov/programs/fpg/index.html

You'll also want to look at these options aimed at Washington residents:

State Need Grant

The State Need Grant program helps the state's lowest-income undergraduate students pursue degrees, hone skills, or retrain for new careers. Students can use the grants at eligible institutions (public two- and four-year colleges and universities, and many accredited independent colleges, universities, and career schools) in Washington. Read more at www.hecb.wa.gov/paying/waaidprgm/sng.asp.

Opportunity Grant

These grants are available at Washington's 34 community and technical colleges and will help pay for up to 45 credits for students who meet income guidelines and enroll in programs of study in high-demand occupations such as health care, automotive technology, accounting, early childhood education and many others. Get details at: www.sbctc.ctc.edu/college/s_opportunitygrants.aspx

Washington Award for Vocational Excellence (WAVE)

Each year, as many as 147 career and technical education students in Washington win a Washington Award for Vocational Excellence (WAVE), worth up to two years free tuition for undergraduate study at any of the state's community and technical colleges, public four-year universities, most independent colleges and most licensed private career schools in the state.

Students are eligible for the award if they graduate from high school and complete a minimum of 360 hours in a single career and technical education program, or have completed the first year of a two-year program at a community or technical college. As many as three WAVE recipients are selected in each legislative district, depending on the availability of state funding. Read more about this scholarship administered by the state's Workforce Board at www.wtb.wa.gov/WAVEWebpagenew.asp.

Washington Scholars

The Washington Scholars program recognizes the accomplishments of top high school seniors from each of the state's 49 legislative districts. Students receive state scholarships for up to four years of public resident undergraduate tuition and fees, depending on the availability of state funding. The scholarships can be used at any Washington public or private college or university.

High school principals nominate the top 1 percent of their school's graduating senior class on the basis of academic achievement, leadership and community service. A committee, composed of high school principals and college admissions staff, selects the top four students in each legislative district, naming three as scholars and one as a scholar alternate. Read more at www.hecb.wa.gov/paying/waaidprgm/wsp.asp.

Career Bridge provides financial aid details

A great place to find a way to fund your education and training is Washington CareerBridge.wa.gov, home to over 5,000 education and training programs, along with a financial aid section on how to pay for them. On the home page, click the Fund Your Training link. This takes you to tips on how to apply for:

- *Federal financial aid.*
 - *Grants and scholarships.*
 - *Loans.*
 - *Work study.*
 - *Tax credits.*
-

Preparing for a Job

Your education and work history are both important in landing a job. So is your attitude, your ability to solve problems and your attention to details.

When employers are deciding who to hire, they look at the whole package. Yes, they want to be sure you have the skills to do the job. But they also want new employees to have other qualities that contribute to business success, such as:

- Getting to work on time.
- Dressing appropriately.
- Being flexible.
- Learning new skills quickly.
- Working well with others.
- Setting priorities.
- Enthusiasm for the job.

It's up to you to showcase these interpersonal and workplace skills when you're at an interview. In many cases, it's these "soft skills" that will make the difference when a hiring manager decides who to call to offer a job. Ultimately, these same skills will also help ensure you *keep* the job.

Finding a job

When you're looking for work, it's a good idea to talk to your friends, your family and even your neighbor across the street. You never know where your networking will lead you—and who might know about a potential job opening or have a well-positioned friend. So cast your net far and wide. If you're using social media such as Facebook or LinkedIn, you can let those in your network know you're looking. Another good source for job openings and career assistance is WorkSource, the state's one-stop network of career centers. Check out www.go2worksource.com for a searchable listing of jobs near you. (See pages 65-67 for a listing by county.)

Landing the job

You've found a job you'd like to apply for. Now the hard part starts. To land the job, we recommend you research the company, craft a compelling resume, write an engaging cover letter and participate in a sharp interview.

Research the company

Before you talk to an employer, you should learn as much as you can about the company. Go online to get details on what they do, who they are, and who they're hiring. Sometimes you'll find out what a company values. Perhaps it's creativity and a culture of innovation, or maybe hard work, and long hours. You'll want to know a bit about the company and its culture before you write your resume. That way you can better target your skills and abilities to an open position. This bit of research and background knowledge is expected by most employers and can separate a winning resume from one that gets tossed.

Recipe for a winning resume

Your resume is all about you—and your education, work experience and job skills. However, it's not a laundry list of *everything* you've done. Instead, it should highlight your strengths and your accomplishments, and inform potential employers of credentials, internships, degrees and diplomas that set you apart from the competition. A resume, in other words, needs to show employers what you can do for them. So, for example, if you've worked in a coffee shop you'll do well to focus on what you've learned besides making coffee, such as: customer service, prioritizing competing demands, thriving in a fast-paced work environment. This shows employers how you can translate a previous job into a new one.

Targeted, to the point and accurate

There are several ways to create a winning resume. But no matter which format you pick, the best resumes are tailored to a particular job, concise, and accurately reflect your education, work experience and job skills. If you completed Step 1 at the beginning of the career guide, you should consult your notes as part of preparing your resume.

Your resume will need to include the following sections:

- **Heading:** Your name and contact information. Do NOT include personal information such as your social security number, age or whether you are married or single.
- **Education:** List your education, starting with your highest level. Also include job-related training or professional certifications you have completed. High school information isn't needed unless that is your highest level of education. If so, consider highlighting relevant courses you've taken post-high school to reflect your additional education.
- **Employment Experience:** Beginning with your most current experience, list your job history. Include the dates of employment, job title, employer's name and location and the specific duties of the job. How do they relate to the job you're seeking?
- **Special skills and abilities:** What makes you a particular asset as an employee?
- **Optional:** Community and volunteer service, military service and professional affiliations can be part of your resume.
- **References:** It isn't necessary to include your references' contact information, but you must be prepared to supply that information when asked.

General rules about resumes

- Be specific: Include only information having to do with the job you're seeking.
- Be honest: Do not overstate your achievements or accomplishments.
- Be concise: Keep the length to one or two pages.
- Proofread: Ask someone to check for spelling and grammatical errors.
- Use high quality paper: Looks professional, shows you take the job seriously.

Get more info at www.acinet.org/acinet/resume.

Cover letters create interest

Every resume you send needs an accompanying cover letter that speaks to the specific company and position you are applying for. Stress your skills, abilities and experiences that make this the ideal job for you. Give the company a reason to interview you!

A cover letter should include:

- **The opening:** State the position you're applying for and how you learned about it.
- **The body:** Highlights your main qualifications, skills, abilities and how these relate to the position. You can refer to your resume, but do NOT repeat its contents.
- **The closing:** Demonstrates an intention to communicate in the near future, such as "I look forward to talking with you soon."

General cover letter guidelines

- Address the letter to a specific person rather than Dear Sir or Dear Personnel Manager. Make a phone call or go online to learn who to contact.
- Print the letter using high quality paper (if you are mailing it rather than submitting online). Keep this letter to one page.
- Use simple, direct language. Check spelling, punctuation, grammar, and sentence structure. Ask someone to proofread it before you send.
- Explain what makes you different from other applicants. Spell out how your skills, abilities and experience make you a good fit for the job.
- Keep the letter upbeat and positive. Don't complain about previous employers.
- Personally sign your letter.

The Job Interview

Getting a job interview is a big step. It's normal to feel nervous before sitting down with an employer. However, preparation can go a long way in helping you put your best foot forward, instead of tripping over it! Step up your efforts to learn about your employer. While you might not be expected to know a lot about your potential job, you will leave a positive impression if you exhibit knowledge about the organization and know enough to ask good questions about the job. Also, be ready to talk about yourself, your experiences, your strengths and your goals. How will your education and experience benefit the company? The interview is your opportunity to convince the employer that you can make a real contribution.

Get ready to answer these common interview questions

- Where did you hear about us?
- What is your background?
- What is/or was your favorite subject in school? Your worst?
- Why do you want to work here?
- What do you see yourself doing in five years?
- What kind of contribution can you make to our company?
- What are your strengths...and weaknesses?
- When can you start?

General interview guidelines

DO	DON'T
Dress appropriately – Be clean and well-groomed.	Take anyone with you - Go alone.
Be prompt – There is no excuse for being late!	Chew gum.
Learn the interviewer's name and use it.	Apologize for your lack of experience.
Shake hands firmly.	Plead for a job or say, "I'll take anything."
Be enthusiastic, positive and upbeat.	Discuss personal, home, or money problems.
Maintain good eye contact and speak clearly.	Criticize former employers or coworkers.
Take time to think about your answers.	Hang around after the interview.
Ask when you may call to learn about a hiring decision.	
Thank the interviewer for his or her time.	
Follow up the interview with a brief thank you note.	

Resource Section

Assistance Available for those with a Disability

If you have a disability that makes it difficult for you to find a job or keep one, the state's Division of Vocational Rehabilitation (DVR) can help. DVR provides employment services and counseling to individuals with disabilities who want to work but experience barriers to work because of a physical, sensory, and/or mental disability.

A DVR counselor works with each person to develop a customized plan of services designed to help them reach their employment goal. DVR assistance includes:

- Counseling and Guidance.
- Assessment Services.
- Independent Living Services.
- Assistive Technology Services.
- Training and Education.
- Job-Related Services.

In addition, vocational rehabilitation services may include:

- Training for many occupations.
- Tuition, books and equipment costs for training or starting a new job.
- Transportation expenses during a rehabilitation program.
- Living allowances during the program.
- Placement in a suitable job.
- Follow-up study of an individual's progress on the job.

For more information, contact DVR at (360) 438-8000 or 1-800-637-5627, or www.dshs.wa.gov/dvr.

Veteran's Services

If you served on active duty and were discharged or released from duty with other than a dishonorable discharge you may be eligible for priority services at your local WorkSource office. Some spouses, such as those whose military sponsor has a 100 percent disability rating from the Veterans Administration, or who died with a 100 percent rating or from a service connected disability, or whose sponsor is a MIA/POW are also eligible for priority service. For additional information go to www.esd.wa.gov/findajob/specialprograms/veterans-services.php.

For veterans struggling with making the transition into a new career a Local Veterans Employment Representative (LVER) is available to help. This program, run by the state's Employment Security Department, works with other service providers to promote veterans as job seekers with highly marketable skills and experience. LVER Staff are also located at local WorkSource one-stop career centers and conduct a variety of job search assistance workshops and provides job development and referrals for veterans.

For more information: (360) 486-5944 or www.esd.wa.gov/findajob/specialprograms/veterans-services.php.

Disabled veterans

If you are a disabled veteran you may qualify for the state's Disabled Veterans' Outreach Program, run by the Employment Security Department. Specialists provide intensive services to veterans with special employment and training needs. Staff target services to "Special Disabled" veterans (veterans with a 30 percent rated disability by the Veterans Administration), disabled veterans, economically or educationally disadvantaged veterans and veterans with other barriers to employment, especially homeless veterans.

Phone (360) 486-5944 or go to www.esd.wa.gov/findajob/specialprograms/veterans-services.php.

More information on veterans services

For general information on veterans programs contact the state's Department of Veterans Affairs at (360) 725-2200 or go to www.dva.wa.gov/index.html.

WorkSource Centers

Whether you need help finding a job, advice on training for a new career or assistance in writing a resume, your local WorkSource Center can help.

WorkSource is a free network of one-stop career centers that brings together business, labor, and a variety of state agencies to provide Washington residents with employment, education, and training.

Participating agencies include: the Employment Security Department, Workforce Development Councils, the state's 34 community and technical colleges, Department of Social and Health Services, Workforce Training and Education Coordinating Board, Office of Superintendent of Public Instruction, and the Governor's Office.

You can also talk to WorkSource staff to help find nonprofit, community-based organizations that meet your specific needs. For example, Community Action Councils in many counties can help with everything from utility bills to rent assistance.

For the nearest WorkSource locations, call (1-877-872-5627), or visit go2WorkSource.com.

Adams County

WorkSource Central Basin
309 E. 5th Ave., Moses Lake
(509) 766-2559

Asotin County

Rural Resources
1013 Bridge St., Clarkston
(509) 758-5461

Benton County

WorkSource Columbia Basin
815 N. Kellogg, #C, Kennewick
(509) 734-5987

Chelan County

SkillSource Wenatchee
233 N. Chelan, Wenatchee
(509) 663-3091

Wenatchee WorkSource Affiliate
215 Bridge St., Wenatchee
(509) 665-6605

Clallam County

WorkSource Clallam County
228 W. 1st St., #A, Port Angeles
(360) 457-2103

Clark County

WorkSource Vancouver
5411 E. Mill Plain Blvd., #15
(360) 735-5000

Columbia County

WorkSource Walla Walla
1530 Stevens
(509) 527-4393

Blue Mountain Action Council
342 Catherine St., Walla Walla
(509) 529-4980

Cowlitz County

WorkSource Cowlitz/Wahkiakum
305 S. Pacific Ave., #A, Kelso
(360) 577-2250

Douglas County

SkillSource Wenatchee
233 N. Chelan, Wenatchee
(509) 663-3091

Wenatchee WorkSource Affiliate
215 Bridge St.
(509) 665-6605

Ferry County

Colville WorkSource Center
956 S. Main, #B, Colville
(509) 685-6158

Rural Resources Republic
72 N. Clark St., Republic
(509) 775-2009

Republic CSO WorkSource Self Service Site
89 E. Delaware, Republic
(509) 775-2236

Franklin County

WorkSource Columbia Basin
815 N. Kellogg, #C, Kennewick
(509) 734-5987

Garfield County

Rural Resources
1013 Bridge St.
Clarkston, (509) 758-5461

WorkSource Walla Walla
1530 Stevens, Walla Walla
(509) 527-4393

Grant County

WorkSource Central Basin
309 E. 5th Ave., Moses Lake
(509) 766-2559

Grays Harbor County

WorkSource Grays Harbor
511 W. Heron, Aberdeen
(360) 533-9318

Island County

WorkSource Whidbey
31975 SR 20, #3, Oak Harbor
(360) 675-5966

Jefferson County

WorkSource Clallam County
228 W. 1st St., #A, Port Angeles
(360) 457-2103

WorkSource Jefferson County Affiliate
207 W. Patison, Port Hadlock
(360) 379-5036

King County

WorkSource Affiliate Auburn
2707 I St. NE, Auburn
(253) 804-1177

WorkSource Connection Bellevue
Community College
3000 Landerholm Circle SE, #B231,
(425) 564-2279

WorkSource Connection Highline
Community College
2400 S. 240th St., Des Moines
(206) 878-3710

WorkSource Redmond
7735 - 178th Pl. NE
(425) 861-3700

WorkSource Renton
500 SW 7th St., #100
(206) 205-3500

WorkSource Affiliate North Seattle
9600 College Way N., #1151
(206) 440-2500

WorkSource Affiliate South Seattle
Community College
6000 - 16th Ave. SW
(206) 764-5803

WorkSource Affiliate Rainier
2531 Rainier Ave. S., Seattle
(206) 721-6000

WorkSource Affiliate Downtown
Seattle
2024 - 3rd Ave.
(206) 436-8600

WorkSource Connection Seattle
Central Community College
1701 Broadway, Rm. BE1102E1
(206) 344-4383

WorkSource Connection Shoreline
Community College
16101 Greenwood Ave. N.
(206) 546-5882

Kitsap County

WorkSource Kitsap County
1300 Sylvan Way, Bremerton
(360) 337-4810

Kitsap Community Resources
1211 Bay St., Port Orchard
(360) 473-2159

Kittitas County

WorkSource Kittitas County
309 E. Mountainview Ave., #1-7
Ellensburg, (509) 925-5311

Klickitat County

WorkSource Goldendale Affiliate
116 E. Main
(509) 773-5503

WorkSource Columbia Gorge
107 W. Jewett Blvd., White Salmon
(509) 493-1210

Lewis County

WorkSource Lewis County
151 NE Hampe Way, Chehalis
(360) 748-2360

Lincoln County

Colville WorkSource Center
956 S. Main, #B
Colville, WA 99114
(509) 685-6158

Mason County

WorkSource Mason County
2505 Olympic Hwy. N., #420, Shelton,
(360) 427-2174

Okanogan County

Okanogan County-Omak WorkSource
Center
126 S. Main
(509) 826-7310

Pacific County

Long Beach WorkSource
2601 North Pacific Hwy.
(360) 642-6213

WorkSource Pacific County
600 Washington St.
Raymond, WA 98577
(360) 875-9470

Pend Orielle County

Colville WorkSource Center
956 S. Main, #B
(509) 685-6158

Rural Resources Newport
420 W. Hwy. 2
(509) 447-5614

Pierce County

WorkSource Pierce
1305 Tacoma Ave. S., #201, Tacoma
(253) 680-2871

WorkSource Affiliate Bates Technical College
1101 S. Yakima Ave., M210E, Tacoma
(253) 680-7240

WorkSource Affiliate Clover Park Technical College
4500 Steilacoom Blvd. SW, Lakewood
(253) 589-5548

Goodwill Industries Tacoma
714 S. 27th St.
(253) 573-6577

Lakewood WorkSource Affiliate
5712 Main St. SW, #200
(253) 984-5400

WorkSource Affiliate Pierce College
Fort Steilacoom
9401 Farwest Dr. SW, Lakewood
(253) 964-6265

WorkSource Affiliate Tacoma Community College
6501 S. 19th St.
(253) 566-5188

Tacoma Community House
1314 S. L St.
(253) 383-3951

Tacoma Housing Authority
1724 E. 44th St.
(253) 207-4447

Vadis
1701 Elm St., Sumner
(253) 863-5173 x228

San Juan County

WorkSource Skagit
2005 E. College Way, Mount Vernon
(360) 416-3510

Skagit County

WorkSource Skagit
2005 E. College Way, Mount Vernon
(360) 416-3510

Skamania County

Stevenson WorkSource Affiliate
704 SW Rock Creek Dr.
(509) 427-4464

WorkSource Columbia Gorge
107 W. Jewett Blvd., White Salmon
(509) 493-1210

Snohomish County

WorkSource Everett
3201 Smith Ave., #114
(425) 258-6300

WorkSource Lynnwood
20311 - 52nd Ave. W., #300
(425) 673-3300

WorkSource Aerospace Center
7020 - 196th Ave. W., Lynnwood
(425) 640-1887

WorkSource Sky Valley Affiliate
19705 SR 2, Monroe
(425) 422-7568

Snohomish County

WorkSource Youth Center
3331 Broadway, #1001, Everett
(425) 252-6400

Spokane County

WorkSource Spokane
130 S. Arthur St.
(509) 532-3000

WorkSource Next Generation Zone
901 E. 2nd St., Spokane
(509) 532-3112

WorkSource Affiliate Spokane Community College
1810 N. Greene St.
(509) 533-7249

WorkSource Affiliate Spokane Falls Community College
3410 W. Ft. George Wright Dr., Spokane
(509) 533-3521

Goodwill Industries
130 E. Third Ave., Spokane
(509) 838-4246

Stevens County

Colville WorkSource Center
956 S. Main, #B
(509) 685-6158

Thurston County

WorkSource Thurston County
1570 Irving St. SW, Tumwater
(360) 704-3600

Wahkiakum County

WorkSource Cowlitz/Wahkiakum
305 S. Pacific Ave., #A, Kelso
(360) 577-2250

Walla Walla County

WorkSource Affiliate Walla Walla Community College
500 Tausick Way
(509) 527-4279

WorkSource Walla Walla
1530 Stevens
(509) 527-4393

Blue Mountain Action Council
342 Catherine St., Walla Walla
(509) 529-4980

Whatcom County

WorkSource Whatcom
101 Prospect St., Bellingham
(360) 676-1521

Whitman County

Pullman WorkSource Affiliate
350 SE Fairmont Rd., #2
(509) 332-6549

Yakima County

WorkSource Sunnyside
1925 Morgan Rd.
(509) 836-1125

Toppenish Affiliate
706 Rentschler Lane
(509) 865-7630

WorkSource Yakima
306 Division
(509) 574-0105

Education and Training Resources

The listing below assigns a number to each of the schools, colleges and universities in Washington where you can get the education and training needed to help you prepare for a career. These numbers correspond with the Career Search Tables on pages 17-49. Get more detailed information on Washington's many schools and training programs on a searchable database at CareerBridge.wa.gov.

Community Colleges

- | | | |
|---|---|---|
| 1. Bellevue College
Bellevue, (425) 564-1000 | 14. Olympic College
Bremerton, (360) 792-6050 | 26. Walla Walla Community College
Walla Walla, (877) 992-9922 |
| 2. Big Bend Community College
Moses Lake, (877) 745-1212 | 15. Peninsula College
Port Angeles, (360) 452-9277 | 27. Wenatchee Valley College
Wenatchee, (509) 682-6800 |
| 3. Cascadia Community College
Bothell, (425) 352-8000 | 16. Pierce College at Fort Steilacoom
Lakewood, (253) 964-6500 | 28. Whatcom Community College
Bellingham, (360) 383-3000 |
| 4. Centralia College
Centralia, (360) 736-9391 | 17. Pierce College at Puyallup
Puyallup, (253) 840-8400 | 29. Yakima Valley Community College
Yakima, (509) 574-4600 |
| 5. Clark College
Vancouver, (360) 699-6398 | 18. Seattle Central Community College
Seattle, (206) 587-3800 | |
| 6. Columbia Basin College
Pasco, (509) 547-0511 | 19. Shoreline Community College
Shoreline, (206) 546-4101 | |
| 7. Edmonds Community College
Lynnwood, (425) 640-1459 | 20. Skagit Valley College
Mount Vernon, (360) 416-7600 | |
| 8. Everett Community College
Everett, (425) 388-9100 | 21. South Puget Sound Community College
Olympia, (360) 754-7711 | |
| 9. Grays Harbor College
Aberdeen, (360) 532-9020 | 22. South Seattle Community College
Seattle, (206) 764-5300 | |
| 10. Green River Community College
Auburn, (253) 833-9111 | 23. Spokane Community College
Spokane, (509) 533-7000 | |
| 11. Highline Community College
Des Moines, (206) 878-3710 | 24. Spokane Falls Community College
Spokane, (509) 533-3500 | |
| 12. Lower Columbia College
Longview, (360) 442-2311 | 25. Tacoma Community College
Tacoma, (253) 566-5000 | |
| 13. North Seattle Community College
Seattle, (206) 527-3600 | | |

Technical Colleges

- | |
|--|
| 30. Bates Technical College
Tacoma, (253) 680-7000 |
| 31. Bellingham Technical College
Bellingham, (360) 752-7000 |
| 32. Clover Park Technical College
Lakewood, (253) 589-5800 |
| 33. Lake Washington Technical College
Kirkland, (425) 739-8100 |
| 34. Renton Technical College
Renton, (425) 235-2352 |
| 35. Seattle Vocational Institute
Seattle, (206) 587-4950
<i>(An affiliate of Seattle Central Community College)</i> |

Public Colleges & Universities

These colleges may have programs available at other locations. Contact the schools to learn about programs in your area.

- | | | |
|--|---|---|
| 36. Central Washington University
Ellensburg, (509) 963-1111 | 42. Central Washington University/Yakima
Yakima, (509) 574-6894 | 48. Washington State University
Pullman, (888) 468-6978 |
| 37. Central Washington University/Des Moines
Des Moines, (206) 439-3800 | 43. Eastern Washington University
Cheney, (509) 359-6200 | 49. Washington State University/Spokane
Spokane, (509) 358-7500 |
| 38. Central Washington University/Lynnwood
Lynnwood, (425) 640-1574 | 44. The Evergreen State College
Olympia, (360) 867-6000 | 50. Washington State University/Tri-Cities
Richland, (509) 372-7000 |
| 39. Central Washington University/Pierce County
Lakewood, (253) 964-6636 | 45. University of Washington
Seattle, (206) 543-2100 | 51. Washington State University/Vancouver
Vancouver, (360) 546-9779 |
| 40. Central Washington University/Moses Lake
Moses Lake, (509) 793-2384 | 46. University of Washington/Bothell
Bothell, (425) 352-5000 | 52. Western Washington University
Bellingham, (360) 650-3000 |
| 41. Central Washington University/Wenatchee
Wenatchee, (509) 665-2600 | 47. University of Washington/Tacoma
Tacoma, (253) 692-4000 | |

Independent Colleges & Universities

Schools included in this section may be approved through the Higher Education Coordinating Board. Contact Degree Authorization Staff at (360) 753-7869 or go to www.hecb.wa.gov/autheval/daa/listofcolleges.asp

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|---|---|--|
| 53. Antioch University
Seattle, (206) 441-5352 | 58. City University of Seattle
Various Locations, (800) 859-0620 | 62. DeVry University (Bellevue)
Bellevue, (425) 455-2242 |
| 54. Argosy University
Seattle, (800) 377-0617 | 59. Columbia College-Marysville/ Everett
Marysville, (425) 304-4480 | 63. DeVry University (Federal Way)
Federal Way, (253) 943-2800 |
| 55. Bastyr University
Kenmore, (425) 823-1300 | 60. Columbia College-Whidbey Island
Oak Harbor, (360) 279-9030 | 64. DigiPen Institute of Technology
Redmond, (866) 478-5236 |
| 56. Brandman University/Bangor
Silverdale, (360) 779-2040 | 61. Cornish College of the Arts
Seattle, (800) 726-ARTS | 65. Embry-Riddle Aeronautical University/Everett
Everett, (425) 514-0220 |
| 57. Brandman University/Lacey
Lacey, (360) 493-6392 | | |

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|--|---|--|
| 66. Embry-Riddle Aeronautical University/McChord AFB
Tacoma, (253) 589-1728 | 76. Kepler College of Astrological Arts & Sciences
Lynnwood, (425) 673-4292 | 87. Southern Illinois University/Fairchild AFB
Fairchild AFB, (509) 244-3356 |
| 67. Embry-Riddle Aeronautical University/Renton
Renton, (425) 226-2484 | 77. Northwest College of Art
Poulsbo, (800) 769-ARTS | 88. Southern Illinois University/McChord AFB
McChord AFB, (253) 582-6561 |
| 68. Embry-Riddle Aeronautical University/Spokane
Spokane, (509) 244-3832 | 78. Northwest University
Kirkland, (425) 822-8266 | 89. University of Phoenix
Various locations. (866) 766-0766 |
| 69. Embry-Riddle Aeronautical University/Whidbey Island
Whidbey Island, (360) 279-0959 | 79. Old Dominion University
Bremerton, (360) 475-7280 | 90. University of Puget Sound
Tacoma, (253) 879-3100 |
| 70. Golden Gate University
Seattle, (206) 622-9996 | 80. Pacific Lutheran University
Tacoma, (253) 531-6900 | 91. Walla Walla University
College Place, (800) 541-8900 |
| 71. Gonzaga University
Spokane, (800) 986-9585 | 81. Park University
Fairchild AFB, (509) 244-2020 | 92. Webster University
Fairchild AFB, (509) 244-2079 |
| 72. Heritage University
Toppenish, (509) 865-8500 | 82. Saint Martin's University
Lacey, (360) 491-4700 | 93. Whitman College
Walla Walla, (509) 527-5111 |
| 73. ITT Technical Institute/Everett
Everett, (800) 272-3791 | 83. Seattle Institute of Oriental Medicine
Seattle, (206) 517-4541 | 94. Whitworth University
Spokane, (509) 777-1000 |
| 74. ITT Technical Institute/Seattle
Seattle, (800) 422-2029 | 84. Seattle Pacific University
Seattle, (206) 281-2000 | |
| 75. ITT Technical Institute/Spokane
Spokane, (800) 777-8324 | 85. Seattle University
Seattle, (206) 296-6000 | |
| | 86. Southern Illinois University/Bangor
Silverdale, (360) 779-4691 | |

Private Career Schools

This list is valid as of July 2010. For the most current listing of private career schools, see the Workforce Training and Education Coordinating Board website at <http://www.wtb.wa.gov/pcs.asp>

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|--|--|--|
| 95. 1st International Cosmetology School
Lynnwood, (425) 742-7893 | 107. AHC Barber and Beauty College
Everett, (800) 977-9447 | 118. Ananda Massage Training Program for Transfers
Port Townsend, (360) 301-6260 |
| 96. 7 - Star Truck Driving School
Toppenish, (509) 865-5062 | 108. Aldebaran Hypnotherapy Center, LLC
Milton, (253) 279-9944 | 119. Ancient Arts Massage School and Clinic
Richland, (509) 943-9589 |
| 97. 8 Limbs Yoga Center
Seattle, (206) 325-8221 | 109. AlderLeaf Wilderness College
Monroe, (360) 793-8709 | 120. Anthony's Beauty School
Seattle, (206) 568-3037 |
| 98. A to Z Computer Office Training
Port Orchard, (800) 386-3171 | 110. Alexandar School of Natural Therapeutics
Tacoma, (877) 492-1142 | 121. A-Plus Nurses Assistant Training School
Seattle, (206) 723-5100 |
| 99. ABC Bartending Schools, Inc.
Tukwila, (888) 262-5824 | 111. All Training Services, LLC
Port Orchard, (360) 373-1114 | 122. Apollo College
Spokane, (509) 532-8888 |
| 100. Academy for Coach Training
Edmonds, (877) 228-4625 | 112. Allied Health Massage School
Yakima, (509) 453-8571 | 123. ARC Masters School of Welding
Tumwater, (360) 280-4954 |
| 101. Academy of Cosmetology, LLC
Richland, (509) 946-0980 | 113. Alpine College
Spokane Valley, (866) 703-8099 | 124. Art Institute of Seattle
Seattle, (800) 275-2471 |
| 102. Academy of Hair Design
Wenatchee, (509) 662-8341 | 114. AMASIA College
Seattle, (206) 682-2423 | 125. Art Instruction Schools
Minneapolis, (800) 801-6940 |
| 103. Ace In the Hole Casino Dealer School
Everett, (360) 395-8055 | 115. American Academy of Oriental Medicine
Seattle, (206) 783-1468 | 126. Aster Technology Institute/ Seattle
Seattle, (206) 501-4353 |
| 104. ActNow Personnel & Training Services
Yakima, (509) 454-7989 | 116. American Home Inspectors Training Institute Ltd.
Renton, (800) 441-9411 | 127. Aster Technology Institute/ Tacoma
Tacoma, (253) 471-0900 |
| 105. Aesthetics Northwest Institute
Bellevue, (425) 635-7400 | 117. American Institute of Clinical Massage
Post Falls, (208) 773-5890 | 128. At-Home Professions aka AHP
Fort Collins, (800) 359-3455 |
| 106. AHA Hypnosis School
Kennewick, (509) 851-5616 | | 129. Athenique Institute
Bainbridge Island, (866) 670-7546 |

130. **Avalon Academy**
Marysville, (360) 653-3140
131. **Barbizon School of Seattle**
Seattle, (800) 556-6335
132. **Barlen Educational Institute**
Ellensburg, (509) 962-3535
133. **Bartending Academy/Tacoma**
Tacoma, (253) 474-0330
134. **Bartending College/Bellevue**
Bellevue, (425) 373-0384
135. **Becker Professional Education**
Seattle, (800) 868-3900
136. **Bellevue Massage School Center for Healing Arts**
Bellevue, (425) 641-3409
137. **Bellingham Beauty School**
Bellingham, (360) 734-1090
138. **Bennett/Stellar University of NLP and Hypnotherapy**
Granite Falls, (888) 432-1122
139. **Berkshire College**
Seattle, (425) 818-8022
140. **Best Barber School**
Tacoma, (253) 531-1854
141. **Biddix Trucking School, LLC**
Mount Vernon, (360) 982-2891
142. **BJ's Beauty and Barber College/Puyallup**
Puyallup, (253) 848-1595
143. **BJ's Beauty and Barber College/Tacoma**
Tacoma, (253) 473-4320
144. **Blades on Broadway**
Moses Lake, (509) 764-0114
145. **Bluestone Academy**
Ellensburg, (509) 962-3184
146. **Bodycenter Studios**
Seattle, (206) 633-4800
147. **Bodymechanics School of Myotherapy and Massage**
Olympia, (800) 615-5594
148. **BodyMind Academy**
Kirkland, (206) 367-9060
149. **Botanica Academy**
Seattle, (206) 264-1192
150. **Bubbles Below, The Scuba Professionals, LLC**
Woodinville, (425) 487-2822
151. **Capital Business Machines Learning Center**
Olympia, (360) 491-6000
152. **Careers Northwest Academy**
Bellevue, (206) 229-1647
153. **Caregiver Tech**
Lynnwood, (425) 775-2676
154. **Cascadia Dental Career Institute**
Vancouver, (360) 326-8372
155. **Cascade Beauty College, LLC**
Auburn, (253) 288-3757
156. **Cat Tales Zoological Training Center**
Mead, (509) 238-4126
157. **Celebrity Beauty School**
Tacoma, (253) 536-2049
158. **Centralia Beauty College**
Centralia, (360) 736-2866
159. **Cesar Tugade Beauty Academy**
Seattle, (206) 860-9881
160. **Char Glo School of Beauty**
Moses Lake, (509) 765-5309
161. **Charter College/Bellingham**
Bellingham, (888) 200-9942
162. **Charter College/Pasco**
Pasco, (888) 200-9942
163. **Charter College/Vancouver**
Vancouver, (888) 200-9942
164. **Check Ride Driver Training Services**
Woodinville, (877) 502-8200
165. **Clare's Beauty College**
Pasco, (509) 547-8871
166. **Classic Helicopter Corporation**
Seattle, (206) 767-0515
167. **CNA Training School of Nursing**
Vancouver, (360) 546-0098
168. **Cole & Associates, Training and Consulting, Inc.**
Kent, (425) 793-5505
169. **College of Emergency Services**
Vancouver, (360) 236-9231
170. **College of Medical Training/Medical Training Consultants Institute**
Lakewood, (888) 724-6464
171. **College of Purna Yoga**
Bellevue, (425) 746-7476

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|---|---|---|
| <p>172. Commercial Driver Services, Inc.
Lakewood, (253) 983-0200</p> <p>173. Compass Courses Maritime Training
Edmonds, (877) 732-2869</p> <p>174. Comprehensive Dental Education College
Lynnwood, (425) 308-0977</p> <p>175. Concorde Career Institute
Portland, (503) 281-4181</p> <p>176. Construction Industry Training Council of Washington
Bellevue, (877) 707-2482</p> <p>177. Cortiva Institute-Seattle
Seattle, (866) 267-8482</p> <p>178. Crawford Nautical School
Seattle, (800) 284-4335</p> <p>179. Daniel Delon Beauty Academy
Seattle, (206) 322-3529</p> <p>180. DeCharlene Beauty and Barber College
Seattle, (206) 322-8296</p> <p>181. Dental Assistant Training Center
Seattle, (206) 522-7320</p> <p>182. Dental Front Office Training
Marysville, (425) 760-4891</p> <p>183. Denton Massage School, LLC
Arlington, (360) 435-8490</p> <p>184. Design Education
Eatonville, (360) 832-3506</p> | <p>185. Divers Institute of Technology, Inc.
Seattle, (800) 634-8377</p> <p>186. Driver Training and Solutions, LLC/Pasco
Pasco, (888) 547-0772</p> <p>187. Driver Training and Solutions, LLC/Spokane
Spokane, (866) 490-1645</p> <p>188. DRM CDL Testing and Training
Tacoma, (253) 426-2100</p> <p>189. DV - University
Seattle, (253) 350-7500</p> <p>190. Earthwalk School of Energy Healing
Bellevue, (425) 289-0152</p> <p>191. East-West School for Herbal & Aromatic Studies
Willow Spring, (919) 894-7230</p> <p>192. Empowerment Partnership, The
Kailua Kona, (808) 791-5050</p> <p>193. Esprit Technologies, Inc.
Spokane Valley, (509) 455-5054</p> <p>194. Euro Institute of Skin Care
Renton, (425) 255-8100</p> <p>195. Everest College
Various Locations, (888) 741-4270</p> <p>196. Evergreen Academy of Dental Assisting
Seattle, (206) 283-0429</p> <p>197. Evergreen Beauty & Barber College
Everett, (425) 423-9186</p> | <p>198. Expo Beauty Institute
Seattle, (206) 838-3154</p> <p>199. FareStart
Seattle, (206) 443-1233</p> <p>200. Fine Vintage
Seattle, (866) 379-4915</p> <p>201. Fosbre Academy of Hair Design
Olympia, (360) 481-6816</p> <p>202. Franklin Institute of Sales
Seattle, (877) 361-9778</p> <p>203. Fryar's Maritime Services
Vancouver, (360) 737-8022</p> <p>204. Galvin Flying Service, Inc.
Seattle, (800) 341-4102</p> <p>205. Gary Manuel Aveda Institute
Seattle, (206) 329-9933</p> <p>206. Gene Juarez Academy/ Federal Way
Federal Way, (253) 839-4000</p> <p>207. Gene Juarez Academy/ Seattle
Seattle, (206) 365-6900</p> <p>218. Gene Juarez Advanced Training Salon
Seattle, (206) 622-2492</p> <p>209. Glacier Aviation, Inc./ Olympia
Olympia, (360) 705-3214</p> <p>210. Glacier Aviation, Inc./ Burlington
Olympia, (360) 707-2721</p> <p>211. Glen Dow Academy of Hair Design, Inc.
Spokane, (509) 624-3244</p> |
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- 212. Global Outreach Distribution Institute (GODI)**
Tacoma, (253) 761-2400
- 213. GMC Training Institute**
Grandview, (509) 882-2523
- 214. Gower Technologies**
Wauna, (253) 549-8497
- 215. GP Institute of Cosmetology**
Seattle, (206) 760-3333
- 216. Grays Harbor Beauty College**
Aberdeen, (360) 532-6666
- 217. Greenwood Academy of Hair Design**
Seattle, (206) 782-0220
- 218. H & K International Beauty Academy**
Lakewood, (253) 582-7777
- 219. H & R Block Basic Income Tax School**
Various Locations, (888) 412-7880
- 220. Hairtech Beauty Academy**
Walla Walla, (509) 526-0067
- 221. Health Care Training Center**
Spokane, (509) 893-1776
- 222. Health Professionals Institute**
Tukwila, (206) 462-6603
- 223. Health Resources**
Gig Harbor, (206) 218-3979
- 224. HOA's Beauty School**
Seattle, (206) 328-9120
- 225. Horizon Medical Institute**
Spokane, (509) 534-1551
- 226. HVAC Training School**
Brier, (425) 778-2510
- 227. Hypnotherapy Institute of Spokane**
Spokane, (509) 327-4465
- 228. Inland Massage Institute**
Spokane, (509) 465-3033
- 229. Institute for Dental Education and Leadership Success**
Everett, (360) 630-1364
- 230. Institute for Therapeutic Learning**
Seattle, (206) 783-1838
- 231. Institute of Structural Medicine**
Twisp, (509) 997-9392
- 232. Instituto de Belleza Y Cultura**
Sunnyside, (509) 837-6547
- 233. Instituto de Computacion**
Tukwila, (206) 575-7424
- 234. Intent Yoga Center**
Enumclaw, (360) 825-8282
- 235. Interface College**
Spokane, (800) 999-7717
- 236. International Air and Hospitality Academy**
Vancouver, (800) 868-1816
- 237. International Sommelier Guild**
Seattle, (866) 412-0464
- 238. International Stunt School**
Seattle, (425) 290-9957
- 239. Inter-State Aviation, Inc.**
Pullman, (800) 653-8420
- 240. John Casablancas Modeling**
Bellevue, (425) 646-3585
- 241. Kamanga CNA Training, Inc./Des Moines**
Des Moines, (206) 271-1946
- 242. Kamanga CNA Training, Inc./Tacoma**
Tacoma, (206) 437-1366
- 243. Kaplan Education Center**
New York, (212) 492-5800
- 244. Kerala Ayurveda Academy**
Seattle, (206) 729-9999
- 245. L & T Training**
Spokane, (509) 464-2199
- 246. Le Cordon Bleu College of Culinary Arts/Portland**
Portland, (888) 891-6222
- 247. Le Cordon Bleu College of Culinary Arts/Tukwila**
Tukwila, (888) 909-7222
- 248. Le Tam Beauty School**
Seattle, (206) 244-9870
- 249. Leonardo Taxidermy Studio & School**
Yakima, (509) 248-4876
- 250. Lickety Clips Grooming & Pet Styling Academy**
Mount Vernon, (360) 424-2036
- 251. Lincoln Beauty School, Inc.**
Tacoma, (253) 473-0501
- 252. Lorinda's Hair Care**
Tacoma, (253) 472-1320

253. **Lynn's Beauty School**
Seattle, (206) 723-3258
254. **Manning Academy of Cosmetology**
Vancouver, (360) 694-8483
255. **Maria Bonita College of Beauty**
Burien, (206) 246-1319
256. **Maser's Academy of Fine Grooming**
Kenmore, (425) 485-1500
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Issaquah, (206) 322-0633
282. **North Cross Commercial Driving School, LLC**
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283. **Northshore Dental Assisting Academy**
Kenmore, (425) 408-9400
284. **Northwest Academy for the Healing Arts**
Seattle, (206) 932-5950
285. **Northwest Academy of Healing Arts/Gig Harbor**
Gig Harbor, (800) 929-9441
286. **Northwest Academy of Healing Arts/Tacoma**
Tacoma, (800) 929-9441
287. **Northwest Casino School**
Tacoma, (253) 274-1505
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Everett, (206) 292-4793
289. **Northwest Energy Efficiency Council/Fife**
Fife, (206) 292-4793
290. **Northwest Energy Efficiency Council/Renton**
Renton, (206) 292-4793

- 291. Northwest Hair Academy/ Everett**
Everett, (425) 710-0888
- 292. Northwest Hair Academy/ Mount Vernon**
Mount Vernon, (360) 336-6553
- 293. Northwest HVAC/R Association and Training Center**
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- 296. Northwest Regional Training Center**
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- 298. Northwest School of Animal Massage**
Fall City, (425) 222-3703
- 299. Northwest School of Massage-Eastside**
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- 300. Northwest School of Wooden Boatbuilding**
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- 301. Northwest Truck Training, Inc.**
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- 302. Nursing Assistant Training Institute**
Shoreline, (206) 417-2600
- 303. Nursing Assistant Training School**
Tukwila, (206) 575-2010
- 304. Nutritional Therapy Association**
Olympia, (800) 918-9798
- 305. NW Pathways Nursing Assistant Training**
Spokane, (509) 496-2550
- 306. OK CDL Training**
Tonasket, (509) 322-8884
- 307. Oxarc School of Welding/ Pasco**
Pasco, (509) 546-7723
- 308. Oxarc School of Welding/ Spokane**
Spokane, (509) 755-0651
- 309. Pacific Maritime Institute**
Seattle, (888) 893-7829
- 310. Pacific Truck School LLC**
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- 311. Pacific Northwest Hair Academy, LLC**
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- 312. Pat Cort's Word Processing & Computer Training**
Kittitas, (866) 904-8986
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- 326. Professional Grooming Academy**
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- 327. Progressive Health Care Education Center**
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- 329. Radiant Health Yoga Teacher Training**
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- 331. Regal Air**
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- 333. Remote Medical International**
Seattle, (800) 597-4911
- 334. Renton Beauty School, LLC**
Renton, (425) 251-8882
- 335. RGA Environmental, Inc.**
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- 336. River Mountain Training Center**
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- 337. Rodgers Training Center**
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- 338. Roger Moore's Institute of Hypnosis**
Seattle, (206) 903-1232
- 339. Royal College of Medical Training**
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- 340. Sage Academy of Massage and Bodyworks**
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- 341. Sage Technical Services**
Coeur d'Alene, (800) 400-0779
- 342. Sakie International College of Cosmetology**
Yakima, (509) 457-2773
- 343. Samadhi Yoga**
Seattle, (206) 329-4070
- 344. Samarya Center, The**
Seattle, (206) 568-8335
- 345. School of Piano Technology for the Blind**
Vancouver, (360) 693-1511
- 346. School of Therapeutic Touch and Bodywork**
Wenatchee, (509) 663-8990
- 347. School of Visual Concepts**
Seattle, (206) 623-1560
- 348. Seattle Eastside Feldenkrais Teacher Training**
Kenmore, (425) 820-0399
- 349. Seattle Film Institute**
Seattle, (800) 882-4734
- 350. Seattle Gaming Academy**
Seattle, (206) 781-8700
- 351. Seattle School of Canine Studies**
Seattle, (206) 919-8105
- 352. Seattle School of Homeopathy**
Edmonds, (425) 672-4485
- 353. Seattle Truck Driving School**
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- 354. Seni Nursing Assistant Training Center**
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- 369. T & M Taras Truck Driving School**
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- 371. Tacoma Goodwill Industries Rehabilitation**
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- 372. Test You**
Vancouver, (360) 750-9338
- 373. The Hair Academy**
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- 374. The Hair School**
Port Angeles, (360) 452-3048
- 375. The Salon Professional Academy**
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- 376. Therapeutic Connections School of Massage**
Spokane, (509) 230-2307
- 377. Therapeutic Training Center**
Seattle, (206) 853-6875
- 378. TL Sea Diving, LLC**
Des Moines, (206) 824-4100
- 379. TLG Learning**
Bellevue, (800) 460-2298
- 380. Toni & Guy Hairdressing Academy/Bellingham**
Bellingham, (360) 676-8444
- 381. Total Cosmetology Training**
Spokane, (509) 487-5500
- 382. Trans 360, Inc.**
Newberg, (503) 554-9621
- 383. Trans Union Truck Driving School**
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- 384. Tri-Cities Dental Assisting School**
Kennewick, (888) 410-5675
- 385. Tri-City School of Massage**
Kennewick, (509) 586-6434
- 386. Underwater Sports, Inc.**
Seattle, (800) 252-7177
- 387. United Montessori Association**
Seattle, (206) 441-4337
- 388. Universal Technical Institute of Northern California**
Sacramento, (800) 508-1153
- 389. Universal Technical Institute of Texas**
Houston, (800) 510-5072
- 390. Universal Technical Institute/Motorcycle Mechanics Institute Division**
Phoenix, (800) 510-5845
- 391. Universal Technical Institute/Motorcycle/Marine Mechanics Institute, Auto Division**
Orlando, (800) 514-4337
- 392. Valley Nursing Assistant Training Center**
Renton, (206) 384-5081
- 393. Vancouver Casino Dealer School**
Vancouver, (360) 906-1579
- 394. Vancouver School of Beauty**
Vancouver, (360) 694-5601
- 395. VATA Commercial Truck Driving School**
Lacey, (253) 208-8960
- 396. Vegas Gaming School**
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- 397. Vibrational Health Institute**
Tacoma, (253) 627-7257
- 398. Victoria's Academy of Cosmetology**
Kennewick, (509) 586-9979
- 399. Vitality Pilates**
Seattle, (206) 328-6517
- 400. VN's Beauty Academy**
Seattle, (206) 440-0735
- 401. Vuu's Beauty School**
Seattle, (206) 340-2655
- 402. Washington Beauty School**
Seattle, (206) 938-3738
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- 404. Wellness Education Center**
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- 405. Wellness Institute, The**
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Woodland, (800) 755-5477
- 407. Western Pacific Truck School/Kent**
Kent, (800) 333-1233
- 408. Western Pacific Truck School of Oregon/Centralia**
Centralia, (888) 565-0203

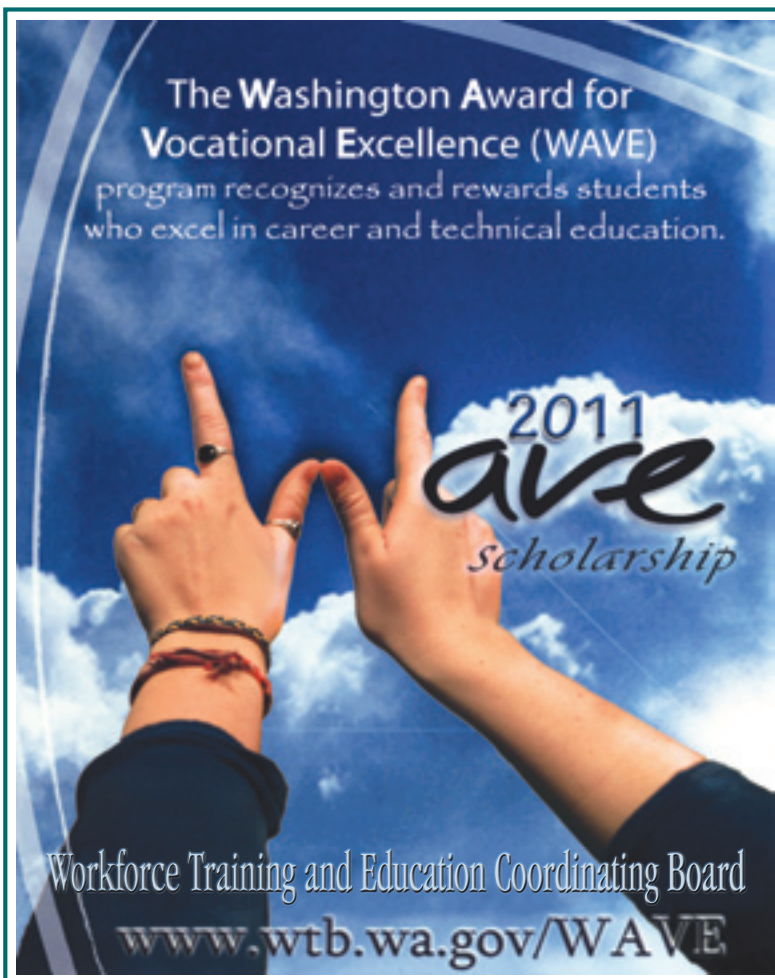
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| 409. Western Pacific Truck School of Oregon/Olympia
Olympia, (888) 565-0203 | 414. World Task Force Tae Kwon Do College
Bremerton, (253) 353-3663 | 419. Yakima Beauty School
Yakima, (509) 248-2288 |
| 410. Western Pacific Truck School of Oregon/Longview
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West Sacramento, (916) 376-8888 | 422. YY Commercial Truck Training School
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Portland, (503) 764-7698 | 418. WyoTech/Blairsville
Blairsville, (724) 459-9500 | |

Apprenticeship Training

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Spokane, (509) 624-5258 | 428. Operating Engineers Regional Training Program
Ellensburg, (800) 869-2567 | 433. Teamsters/AGC Training Center
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| 424. Inland Northwest AGC Education Center
Spokane, (509) 534-0502 | 429. Pacific Northwest Ironworkers Apprenticeship Committee-Spokane
Spokane, (509) 927-8288 | 434. West Sound Pipe Trades Joint Apprenticeship Training Committee
Bremerton, (360) 486-9470 |
| 425. Local Union 112 NECA Joint Apprenticeship Training Committee
Kennewick, (509) 783-0589 | 430. Pacific Northwest Ironworkers Apprenticeship Committee-Tukwila
Tukwila, (206) 244-2993 | 435. Western States Engineers Training Institute
Spangle, (509) 235-9393 |
| 426. NE WA-N ID Sheet Metal Apprenticeship Training Program
Spokane, (509) 928-5009 | 431. Seattle Area Pipe Trades Education Center
Renton, (425) 271-5900 | 436. Western Washington Cement Masons Apprenticeship
Seattle, (206) 762-9286 |
| 427. Northwest Washington Plumbers and Steamfitters Apprenticeship Committee
Burlington, (360) 486-9442 | 432. Seattle Heat and Frost Insulators and Asbestos Workers Joint Apprenticeship Training Committee
Renton, (425) 235-7827 | 437. Western Washington Masonry Trades Apprenticeship Committee
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